

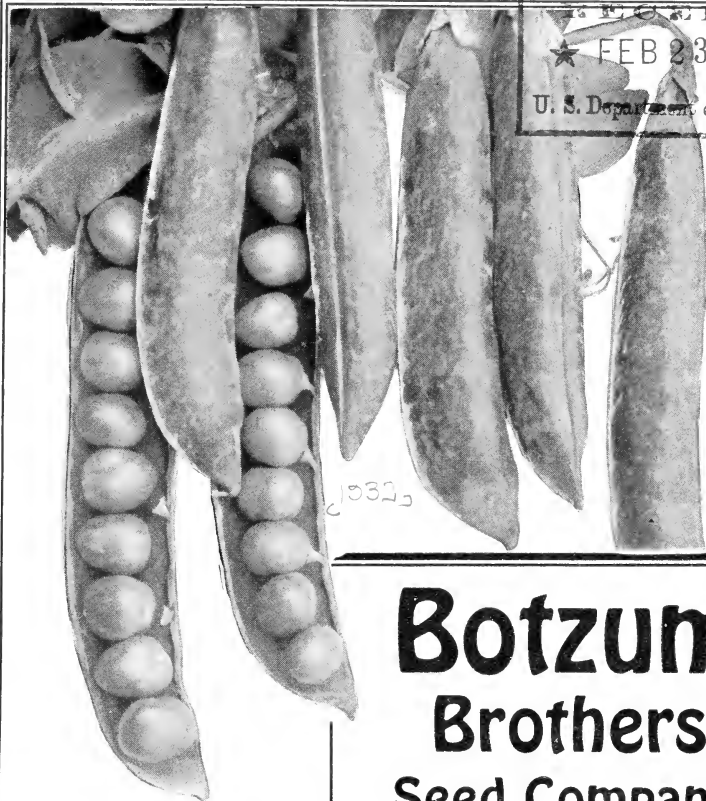
Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

LIBRARY

RECEIVED
★ FEB 23 1932 ★

U. S. Department of Agriculture



American Wonder Peas

Extra early strain.
See page 20.

Botzum Brothers Seed Company

"Seeds That Grow"

AKRON, OHIO

789 N. Main St.

43 S. Main St.

CLEVELAND, OHIO

774 Central Ave.

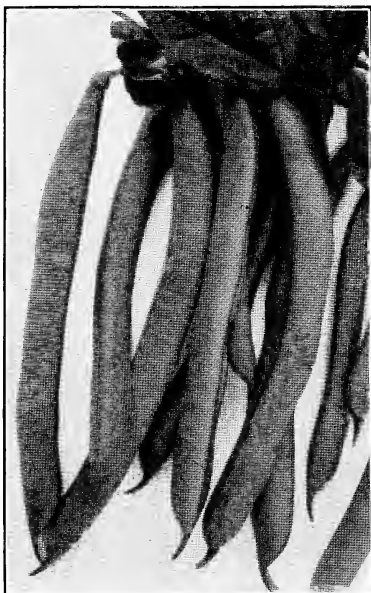


Golden Acre Cabbage

A new variety
of very special
merit. See page
8 for description.

BOTZUM BROS. Home Garden Specials

We Recommend these Varieties for the Home Garden.



Bountiful Green Pod Beans.

Bountiful Dwarf Green Podded Beans

The best flat podded Stringless variety. One of the best for the home gardener. Very early, vigorous, and very productive.

Botzum's Crosby Beets

Especially suited to the home grower. An exceptionally good selection from Crosby's Egyptian, being more "globy;" with a smaller top and tap root. Roots are remarkably uniform, very dark red, flesh deep purplish red with little tendency to zoning. One of the most popular and handsome of the early beets.

Grand Rapids Lettuce

This superior lettuce is of rapid upright growth and may be planted close; not liable to rot. Will stand several days after being ready to cut without injury. Especially recommended by the State College.

Marglobe Tomato

A bright red tomato, not only on the surface but all the way through. Resistant to wilt and nail head rust disease. The fruits assume a perfect globe form when fully matured. Very solid flesh. Excellent shipping and market variety.



Grand Rapids Lettuce.

Special Notice

We make a specialty of supplying our customers with the best strains of seeds that can be produced. We are always on the alert for a better strain, and if we find it, we spare no expense in securing stock of it. We handle absolutely nothing that we do not believe to be the best obtainable. We do not claim to compete in prices with irresponsible parties, whose sole effort is to secure the lowest priced seeds, regardless of quality; such seeds are not cheap, but dear at any price. The first cost of seeds is insignificant, compared with time and labor that must be expended upon a growing crop. Quality is our first consideration, and the prices we offer are as low as first class seeds can be sold for.

It is our endeavor to maintain the prices quoted in this catalog throughout the season, but they are subject to change without notice.

Instructions to Purchasers

When ordering **Beans, Corn or Peas** to be forwarded by mail, be sure to add 7c per pound for **postage** in the first and second zones. For third zone add 8c per pound, for all other zones add extra postage in proportion. See parcel post rates.

Packets and half pounds of Beans, Corn and Peas are sent postpaid at prices quoted, and all varieties of Vegetable and all Flower Seeds will be forwarded free by mail at catalog prices unless otherwise noted. Grass Seeds, Clover Seeds, Miscellaneous Seeds, Plants, Tools and Supplies are **not** sent free by mail—see parcel post rates.

Order Early. It will greatly facilitate shipments if orders are sent early. We aim to send off all orders the day received.

Send The Money With The Order. Postal Note, Post Office Order, Registered Letter, Express Money Order, or Draft on New York Bank. United States Postage Stamps will be received for small amounts; be exceedingly careful about the least moisture getting on them when remitting, as they sometimes reach us so stuck together as to be almost worthless.

We Do Not Send C. O. D. Everything being plainly priced, the return charge on money is an unnecessary expense.

NON-WARRANTY. Sometimes, though not often, our seeds do not come up after planting. This may be due to one or more of several

reasons, such as covering too deeply or not deeply enough, too much or too little water, too cold weather or a baking sun, which forms a crust too hard for the tender shoots to penetrate. Sometimes insects destroy plants at the surface before they are seen by the gardener. We cannot personally direct the use of our goods after they leave our hands; neither can we fully control anywhere or at any time the operation of natural law as it affects seeds; therefore, we give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds or bulbs we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are to be at once returned.

THE BOTZUM BROS. SEED CO.

PARCEL POST RATES			Each
Zone	First Pound	Additional Pound	
1 and 2— 150 miles	7c	2c	
3— 150 to 300 miles	8c	2c	
4— 300 to 600 miles	9c	2c	
5— 600 to 1000 miles	10c	6c	
6—1000 to 1400 miles	11c	8c	
7—1400 to 1800 miles	13c	10c	
8—All over 1800 miles	14c	12c	

Poisons cannot be sent by mail. Liquids and goods packed in glass should be sent by express.

Quantity of Seed Requisite to Produce a Given Number of Plants, and Sow an Acre

Artichoke, 1 oz. to 500 plants	6 oz.
Asparagus, 1 oz. to 800 plants	4 lbs.
Asparagus roots	1000 to 7250
Barley	120 lbs.
Beans, Dwarf, 1 lb. to 100 ft. of drill	60 lbs.
Beans, Pole, 1 lb. to 100 hills	30 lbs.
Beet, Garden, 1 oz. to 100 ft. of drill	7 lbs.
Beet, Mangel, 1 oz. to 100 ft. of drill	5 lbs.
Broccoli, 1 oz. to 5000 plants	2 oz.
Brussels Sprouts, 1 oz. to 5000 plants	2 oz.
Buckwheat	15 to 25 lbs.
Cabbage, 1 oz. to 5000 plants	2 1/2 lbs.
Carrot, 1/4 oz. to 100 ft. of drill	2 1/2 lbs.
Chicory	10,000 to 15,000
Clover, Alsike	4 lbs.
Clover, Alfalfa or Lucerne	6 lbs.
Clover, Mammoth	15 to 25 lbs.
Clover, Medium	8 to 12 lbs.
Clover, White Dutch	8 to 12 lbs.
Coilards, 1 oz. to 5000 plants	6 lbs.
Corn, Rice (shelled)	4 lbs.
Corn, Sweet, 1/2 lb. to 100 hills	12 lbs.
Cowpea, in drills	60 lbs.
Cress, 1/4 oz. to 100 ft. of drill	12 lbs.
Cucumber, 1 oz. to 100 hills	1 to 3 lbs.
Dill, 1/3 oz. to 100 ft. of drill	5 lbs.
Eggplant, 1 oz. to 2000 plants	4 oz.
Endive, 1/4 oz. to 100 feet of drill	4 1/2 lbs.
Flax, broadcast	30 lbs.
Garlic, bulbs, 1 lb. to 100 ft. of drill	30 lbs.
Gourd, 2 ozs. to 100 hills	15 to 20 lbs.
Grass, Kentucky Blue	60 lbs.
Grass, Millet	60 to 100 lbs.
Grass, Mixed Lawn	8 to 10 lbs.
Grass, Red Top Fancy	25 to 40 lbs.
Grass, Rhode Island Bent	10 to 15 lbs.
Grass, Timothy	10 to 15 lbs.

Grass, Orchard, Perennial Rye and Wood Meadow	25 to 35 lbs.
Hemp	25 lbs.
Horseradish roots	10,000 to 15,000
Hungarian	25 lbs.
Kale, 1 oz. to 5000 plants or 200 ft. of drill	4 lbs.
Kohl-rabi, 1/3 oz. to 100 ft. of drill	4 lbs.
Leek, 1/3 oz. to 100 ft. of drill	4 lbs.
Lettuce, 1/4 oz. to 100 ft. of drill	3 lbs.
Melon, Musk, 1 oz. to 100 hills	1 to 3 lbs.
Melon, Water, 4 ozs. to 100 hills	1 1/2 to 4 lbs.
Millet	12 to 25 lbs.
Nasturtium, 2 ozs. to 100 feet of drill	15 lbs.
Okra, 1 oz. to 100 ft. of drill	8 lbs.
Onion seed, 1/3 oz. to 100 ft. of drill	4 to 5 lbs.
Onion seed for sets	40 to 80 lbs.
Onion sets, 1 lb. to 100 ft. of drill	250 lbs.
Parsnips, 1/4 oz. to 100 ft. of drill	3 lbs.
Parsley, 1/4 oz. to 100 ft. of drill	3 lbs.
Peas, Garden, 1 lb. to 100 feet of drill	55 to 120 lbs.
Peas, Field	120 lbs.
Pepper, 1 oz. to 1500 plants	3 to 4 lbs.
Pumpkin, 1/4 lb. to 100 hills	3 to 4 lbs.
Radish, 2/3 oz. to 100 feet of drill	10 to 12 lbs.
Rutabaga	2 to 4 lbs.
Rye, in drills	60 to 90 lbs.
Sage, in drills	4 to 5 lbs.
Salsify, 1/4 oz. to 100 ft. of drill	8 lbs.
Spinach, 1/4 oz. to 100 ft. of drill	8 lbs.
Summer Savory	34 lbs.
Sunflower	8 lbs.
Squash, Summer, 4 ozs. to 100 hills	4 lbs.
Squash, Winter, 8 ozs. to 100 hills	2 lbs.
Tomato, 1 oz. to 2000 to 3000 plants	50 lbs.
Tobacco, 1 oz. to 5000 plants	1 to 3 lbs.
Turnip, 1 oz. to 250 ft. of drill	90 to 120 lbs.
Vetch, Spring	30 to 60 lbs.
Vetch, Hairy or Sand	30 to 60 lbs.

Standard of Weights of Various Articles

	Per Bu.
Alfalfa	60 lbs.
Beans	60 lbs.
Canary Seed	60 lbs.
Castor Bean	46 lbs.
Clover	60 lbs.
Corn, Field (shelled)	56 lbs.
Corn, Field (on ear)	35 lbs.
Corn, Sweet	45 lbs.

	Per Bu.
Grass, Timothy	45 lbs.
Onion Sets—Bottom	32 lbs.
Peas, Smooth	60 lbs.
Peas, Wrinkled	56 lbs.
Rape	50 lbs.
Sorghum	50 lbs.
Sunflower	22 lbs.
Vetch or Tare	60 lbs.

All of the above are sold by weight.



BOTZUM'S VEGETABLE SEEDS

FOR HOME AND MARKET GARDEN

Every year we carefully revise our list of seeds, add a number of new sorts and discard all inferior varieties. Our selection will be found to contain everything really desirable and our stock of the highest possible quality.

ARTICHOKE

GREEN GLOBE FRENCH. Plant of medium growth with deep green leaves; buds or flower heads green, nearly round or slightly elongated; scales rather narrow and spiny, moderately thick at the base.

ASPARAGUS

GIANT ARGENTEUIL. The popular variety in the Paris markets; early, exceedingly large and very productive.

WASHINGTON. The original rust-resistant type, introduced by the U. S. Department of Agriculture. A heavy yielding variety with long, thick, heavy stalks, closely folded at the tips; color rich, dark green.

WASHINGTON, MARY. The highest type of the rust-resistant asparagus. It is earlier, larger and longer than the original Washington and quite as resistant. Tips are very tight and do not "sprangle out" or "blow" prematurely.

ASPARAGUS ROOTS

We can supply, for early Spring shipment, strong, two-year-old roots of Conover's Colossal and Giant Argenteuil.



Washington Asparagus.

Number of Plants to the Acre at Given Distances

Distance Apart	Number Plants	Distance Apart	Number Plants	Distance Apart	Number Plants	Distance Apart	Number Plants
12 x 1 in.	...522,720	24 x 24 in.	...10,890	36 x 36 in.	...4,840	60 x 60 in.	...1,743
12 x 3 in.	...174,240	30 x 1 in.	...209,088	42 x 12 in.	...12,446	8 x 1 ft.	...5,445
12 x 12 in.	...43,560	30 x 6 in.	...34,848	42 x 24 in.	...6,223	8 x 3 ft.	...1,815
16 x 1 in.	...392,040	30 x 12 in.	...17,424	42 x 36 in.	...4,148	8 x 8 ft.	...680
18 x 1 in.	...348,480	30 x 16 in.	...13,068	48 x 12 in.	...10,890	10 x 1 ft.	...4,356
18 x 3 in.	...29,040	30 x 20 in.	...10,454	48 x 18 in.	...7,790	10 x 6 ft.	...726
18 x 12 in.	...29,040	30 x 24 in.	...8,712	48 x 24 in.	...5,445	10 x 10 ft.	...435
18 x 18 in.	...19,360	30 x 30 in.	...6,970	48 x 30 in.	...4,356	12 x 1 ft.	...3,630
20 x 1 in.	...313,635	36 x 3 in.	...58,080	48 x 36 in.	...3,630	12 x 5 ft.	...736
20 x 1 in.	...15,681	36 x 12 in.	...14,520	48 x 48 in.	...2,723	12 x 12 ft.	...302
24 x 1 in.	...261,360	36 x 18 in.	...9,680	60 x 36 in.	...2,901	16 x 1 ft.	...2,722
24 x 18 in.	...15,520	36 x 24 in.	...7,260	60 x 48 in.	...2,178	16 x 16 ft.	...170



Burpee's Stringless Green Pod Beans.

BUSH BEANS

BURPEE'S STRINGLESS GREEN POD. Early, hardy, vigorous and productive. Pods large, 5 inches long, thick, round and creasebacked, dark green in color; strictly stringless, tender and brittle; of good quality.

BURPEE'S IMPROVED BUSH LIMA. Growth vigorous, with heavy foliage. Pods enormous in size, borne abundantly, and well filled with beans of luscious flavor.

BOUNTIFUL. Best of the flat-podded stringless varieties. Pods $6\frac{1}{2}$ to 7 inches long, thick, flat and slightly curved, stringless, slightly fibrous, attractive and of fine quality; color light green. Very early, vigorous, hardy and productive.

DWARF HORTICULTURAL. An old standard snap and shell sort. Pods about 5 inches long, flat, almost stringless, greenish yellow splashed with carmine.

DAVIS' WHITE KIDNEY WAX. An early, productive and attractive wax variety. Pods large and flat, $6\frac{1}{2}$ to 7 inches long, very uniform and extremely straight, stringy and fibrous and fair quality. Color clear bright yellow. Seed white and kidney shaped. A market gardener's sort.

FORDHOOK BUSH. A most excellent variety and exceedingly popular with market gardeners. Pods about 5 inches long, containing 4 to 5 large, oval-shaped, very thick white beans of the so-called Potato Lima type.

GERMAN BLACK WAX. Very vigorous, hardy and productive; matures in midseason; pods, borne well up from the ground, are fleshy and of a cream-white color. Remains a long time in condition for use as snaps.

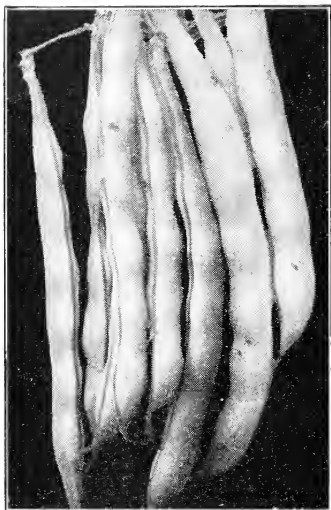
GIANT STRINGLESS GREEN POD. Somewhat similar to Burpee's Stringless, but pod is a little longer, straighter and more slender, more depressed between beans and slightly lighter in color; early, hardy and of highest quality. A desirable canner's variety.

HODSON WAX. Extremely vigorous, very hardy and productive, though rather late. Noted for its very large, flat, gently curved, attractive wax pods which are 6 to $6\frac{1}{2}$ inches long; rather fibrous and stringy. Holds up well as a shipping sort to distant markets.

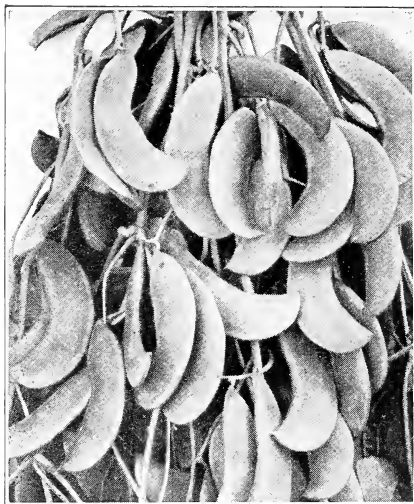
IMPROVED GOLDEN WAX, RUST PROOF (Grenell's). Closely resembles Golden Wax, differing only in having a shorter, stouter and more straight, flat pod. Plant a trifle shorter and apparently not so productive as in the Old Style. The brown mottled seed is darker in color than Golden Wax.

KENTUCKY WONDER WAX. One of the earliest of the pole wax sorts. Pods flat, 7 to 8 inches long, thick, decidedly creasebacked, very fleshy, brittle but stringy, attractive and fair quality; color light yellow.

PENCIL POD BLACK WAX. The best of the dwarf, black-seeded wax varieties. Early and very productive. Pods large, $6\frac{1}{2}$ to 7 inches long, round, nearly straight and creasebacked; strictly stringless, free from fiber, fleshy and brittle; of highest quality; color very clear yellow. Plant growth exceptionally strong and vigorous.



Unrivalled Wax Beans.



King of the Garden Lima.

RED VALENTINE. An improved strain of Red Valentine. Pods somewhat longer and more round; seeds darker in color.

RED KIDNEY. Quite like White Kidney, except the beans are deep red in color.

REFUGEE STRINGLESS. A desirable stringless selection from Refugee or 1000 to 1, resembling that variety in form of pod, season of maturity and habit of growth, though not as hardy or quite as productive. Very popular with canners.

SURE CROP BLACK WAX. A selection from Currie's Rust Proof Wax, having black seed and differing from that sort in that it is stringless, more hardy, rust-resistant and a little later. Pods flat, and average an inch longer and somewhat thicker than Currie's and with a stronger plant growth. Very desirable.

UNRIVALLED WAX. An immensely productive, first early, showy sort. Pods 5 to 5½ inches long, rather narrow, either perfectly straight or slightly curved, somewhat flattened but fleshy. The pods show their clear yellow color at an early stage and while having a trace of string are quite fiberless. Plant large, vigorous and nearly disease resistant; seed distinctly small, flat, kidney-shaped, ochre-brown in color.

WARDWELL'S KIDNEY WAX. A very popular, early, gardener's variety. Pods large, 5½ to 6 inches long, moderately stout, straight and flat, fleshy, brittle, fine grained and nearly stringless. Of good quality and very attractive.

WHITE KIDNEY. A most excellent white, kidney-shaped field bean.

WHITE NAVY. Best known old reliable variety.

MARROWFAT. A well known sort, extensively grown for sale as a dry Bean for Winter use.

Pole Beans

GOLDEN CLUSTER WAX. An old-time favorite. Pods are of medium length and of medium color. Bears in 45 to 50 days.

KENTUCKY WONDER. The most popular, green-podded climbing, or corn-hill bean; early and productive. Pods 8 to 9 inches long, nearly round, very slender, decidedly curved, slightly stringy, tender and good quality.

KING OF THE GARDEN LIMA. An improved strain of Large White Lima; pods about an inch longer proportionately wider and uniformly four seeded.

LAZY WIFE. A late, productive, standard sort. Pods 5 to 6 inches long, broad, straight and flat, stringless, very fleshy, brittle, fine grained, attractive and excellent quality. Color medium green; dry beans round and white.

BRUSSELS SPROUTS

LONG ISLAND IMPROVED. Undoubtedly the best and most dependable. Plant earlier, more dwarf and compact than other varieties.



Detroit Dark Red Beets.

BEETS

CROSBY'S EGYPTIAN. Where a first early market is desired our strain of this variety is unequalled. Roots a flattened globe shape; skin very dark red; flesh a trifle lighter in color and lightly zoned; tops small.

CRIMSON GLOBE. A late or main crop variety, medium in size, globe shaped; flesh deep purple, slightly zoned; foliage small, dark bronze.

DETROIT DARK RED. One of the very best sorts for home or market garden and for canning purposes. Roots uniformly smooth, of medium size, and globe shaped; skin dark red; flesh solid vermillion red. Our special stock of this variety shows no white zones. Tops are small, upright, dark green, shaded red.

EARLY ECLIPSE. An early variety with small tops and medium sized, round, bright red roots; flesh bright red, zoned pinkish white.

EXTRA EARLY EGYPTIAN. One of the very earliest, with small top; roots distinctly flat and moderately thick, very dark red; flesh dark purplish red, zoned a lighter shade.

EARLY WONDER. A selection from Crosby's Egyptian though not so early as our strain of that variety. Roots very uniform, nearly globe-shaped, with small top and tap root; skin dark red, flesh deep blood red, with little zoning. Popular with market gardeners for early or late planting.

EDMAND'S BLOOD TURNIP. A second early sort, with short tops; roots nearly round, dark red; flesh purplish red with little zoning; a good keeper.

SWISS CHARD, FORDHOOK GIANT. Decidedly the best of the Chards. Leaves broad, upright in growth, very dark green, crumpled or savoyed, with broad, white mid-rib.

Cow, or Sugar Beets

GIANT HALF SUGAR. A most valuable large yielding variety for feeding; oval shaped; skin rose colored, flesh white.

GOLDEN TANKARD. Roots large, nearly cylindrical in shape, narrowing abruptly at both ends; skin deep orange-yellow; flesh zoned yellow and white; sweet and productive.

MAMMOTH LONG RED. Attains enormous size, producing thirty or fifty tons to the acre. Roots nearly cylindrical in shape, light red, growing well above ground; flesh white and rose-colored.

: BROCCOLI

ITALIAN GREEN SPROUTING. A distinct variety, extensively cultivated by Italian gardeners. Plant forms a large, solid head which remains green. When the central head is cut, numerous sprouts develop from the leaf axils, each sprout terminating in small green heads, which are bunched for market.



Copenhagen Market Cabbage.

CABBAGE

COPENHAGEN MARKET. Very fine, nearly as early as Jersey Wakefield; stem short, heads large, round and solid, with few outer leaves of an upright growth. Our stock is very early, uniform and dependable.

ALL SEASONS. Heads large, round and very deep; can be planted for early or late crop; a splendid keeper; in season a late second early, coming in with Early Flat Dutch; a favorite with kraut manufacturers.

DANISH BALLHEAD SHORT STEM. One of the very best Winter sorts and one of the most hardy; heads round, deep or balloon-shaped, and very solid. Our selected stock of this cabbage is unexcelled.

EARLY FLAT DUTCH. Earlier and heads somewhat smaller than Late Flat Dutch; a good short stemmed second early.

EARLY JERSEY WAKEFIELD. The most widely known and popular extra early variety; heads a broad cone shape and very solid. Our stock is very dwarf, compact and extremely early.

EARLY WINNIGSTADT. Medium early, short stemmed; heads solid, fine grained, cone shaped and pointed, the leaves having a peculiar and distinct twist at point of head; very productive and excellent quality.

GLORY OF ENKHUIZEN. Excellent medium early, short-stemmed variety, maturing ten days earlier than Danish Round Head. Heads large, round, very solid, with few outer leaves. Satisfactory for kraut making.

GOLDEN ACRE (New). An extra early selection of the Copenhagen type, and the earliest of the round headed cabbages, maturing with Jersey Wakefield. Plant small, dwarf and compact, with few outer leaves; heads of medium size, round as a ball, hard, solid and very uniform.

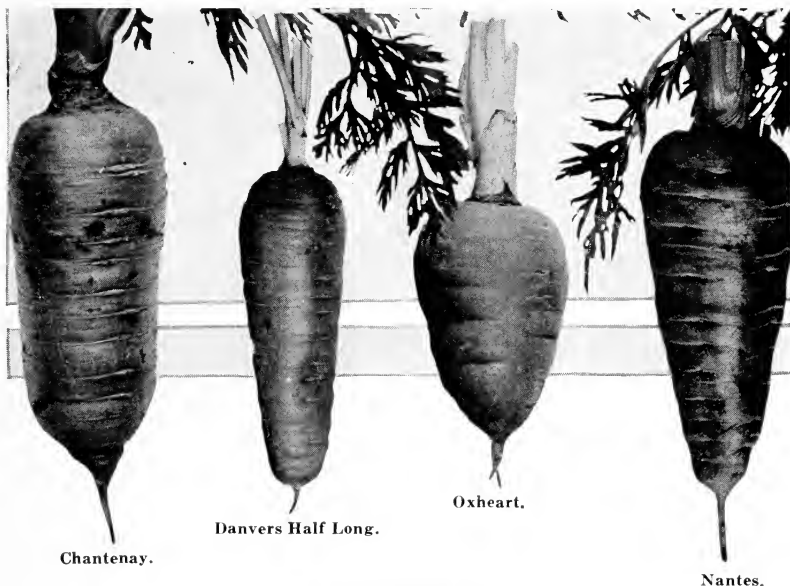
HOLLANDER. A yellows-resistant strain of the Danish Ballhead, desirable for growing in sections infected with this disease. Plants are somewhat larger, more leafy and spreading than the Ballhead, but are fully as firm, compact and long keeping.

LATE FLAT DUTCH. A justly popular and esteemed variety; extensively cultivated for market and family use. Heads large, round, flattened and very firm; has a medium stem and is very hardy.

CHINESE CABBAGE

PE-TSAI. Large leaves of a light green color; thick, pure white, tender stalks and heart. One of the oldest of the Chinese Cabbage varieties.

WONG BOK. Heads rather short and broad, composed of well blanched, tightly folded leaves. Ribs are juicy and pungent.



CARROTS

CHANTENAY. Excellent medium early half-long stump rooted variety; roots about 6 inches long, very thick, smooth and of a deep orange-red color.

CORELESS. The most strikingly handsome early carrot we are acquainted with. Roots are deep orange in color, exceptionally smooth, cylindrical in form, 6 inches in length by $1\frac{1}{2}$ inches in diameter. Free from woody heart or core, and of the highest quality.

DANVERS HALF LONG. The best known second early, half-long sort; roots 6 to 8 inches long, tapering to a blunt point; flesh deep orange, tender and good quality.

IMPROVED LONG ORANGE. An excellent intermediate season, standard sort; roots 12 inches long, about 3 inches broad at the crown, tapering regularly to a point; deep orange color.

NANTES. Roots 6 to 8 inches long, nearly cylindrical, blunt ended, smooth and of bright orange color. Flesh red, sweet and mild; almost coreless.

OXHEART. Mature roots $4\frac{1}{2}$ to 5 inches long, very stout and thick, ending in an abrupt, small tap root; small top and easily harvested; color light bright orange.

CAULIFLOWER

DRY WEATHER (Danish Giant). One of the very best varieties; especially adapted for growing in dry locations.

EXTRA SELECTED EARLY DWARF ERFURT. The finest strain of the Erfurt Cauliflower; almost as early as the Snowball, producing very solid, pure white heads of the very finest quality; seldom fails to form a good sized head.

EARLY SNOWBALL. Undoubtedly the finest and most popular early variety. Heads very early, of medium size, firm, compact, solid and very white; plant compact in growth, with few short, upright leaves.

VEITCH'S AUTUMN GIANT. A large, vigorous, late variety; heads large, firm, very white and well protected by large, dark green foliage; stems rather long.



Early Snowball Cauliflower.



CELERY

COLUMBIA. An exceptionally fine, early variety, is of medium height, but very stocky. Stalks are thick, almost round, are of a rich, yellow color, and its fine flavor and crispness will please the most critical.

EASY BLANCHING. A new variety, resembling Golden Self Blanching, but the leaves are green and the stalks blanch white instead of yellow. It is also more hardy and less liable to blight. Stalks are somewhat taller, but have the same form and heavy heart of the Self Blanching, and while maturing about two weeks after that variety, has the advantage in being an excellent Winter keeper as well as an early celery. One of the easiest to blanch and of best quality.

EMPEROR. A valuable selection from Columbia. Plant quite dwarf and stocky, with large, full, light yellow heart. Stalks broad, thick and crisp. Follows Self Blanching in season and is a superior sort for Fall and Winter use. Very tender and too brittle for shipment to distant markets.

GIANT PASCAL. A compact, vigorous, productive variety and one of the best for Winter use; leaves upright, short and dark green; stalks short, thick and very broad; blanches a beautiful yellowish white.

GOLDEN SELF BLANCHING DWARF (Selected Stock). Our strain of this variety is unexcelled and absolutely reliable; this sort is without doubt the finest early celery in cultivation. Plants compact and stocky, with yellowish green foliage; stalks perfectly solid, of a fine, nutty flavor, attains a good size; blanches a handsome golden yellow color.

GOLDEN SELF BLANCHING (New Tall French Type).

GOLDEN PLUME, OR WONDERFUL. Resembles Golden Self Blanching in appearance, crispness and fine nutty flavor, though somewhat earlier, larger and of ranker growth. Blanches quickly with a full heart and rich, golden-yellow color. Apparently more disease resistant than other yellow celeries. A very desirable sort.

CELERIAC (Turnip-Rooted Celery)

LARGE SMOOTH PRAGUE. One of the largest; smooth and almost spherical.

CHERVIL

CURLED. A variety with crisp, curled leaves; used for flavoring soups and salads.

CHICORY

WITLOOF (French Endive). The plants form long, parsnip-shaped roots; the roots are forced in frames or greenhouse and the new growth of lettuce-like leaves is cut and served as a salad.

COLLARDS

TRUE GEORGIA. Plant 2 to 3 feet high, forming a cluster of tender, undulated leaves at the top of its rather long stems; used as "greens" in the South and West.

CORN SALAD

LARGE GREEN CABBAGING. A quite distinct sort, with short, rounded, smooth, erect, very green leaves, forming a compact rosette.



Golden Bantam.

SWEET CORN

BARDEN'S WONDER BANTAM SWEET CORN. A Bantam Sweet Corn with the matchless sweetness and color of the old reliable Golden Bantam; all the toothsome qualities of looks and taste, but with this welcome improvement that the ears are larger (eight to ten inches long) and set up higher on a more sturdy stalk, from five to six feet high.

BLACK MEXICAN. One of the sweetest and best; ears 8 inches long and eight-rowed; grains bluish black when ripe.

BURBANK BANTAM. Produces long, fat, 12- to 24-rowed ears, containing deep, sweet kernels on the smallest of cobs. A heavy yielder.

COUNTRY GENTLEMEN (Shoe Peg). An especially fine quality corn. Ears 7 to 8 inches long, cob small, white and densely covered with long, slender, white grains, without row formation. Season with Stowell's Evergreen.

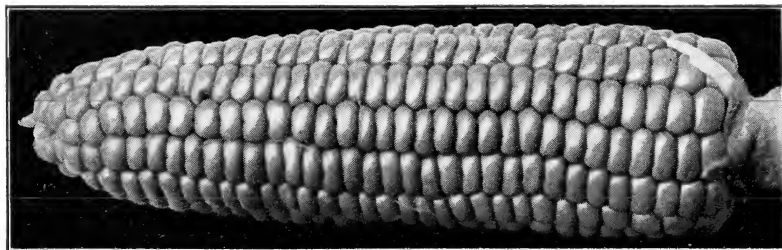
DE LUE'S GOLDEN GIANT. De Lue's Golden Giant excels all other early varieties in size, productiveness and quality and all the late varieties in quality and early maturity. It is the one corn for the home or market gardener who wants the greatest amount of highest quality corn in the shortest period of time from the smallest piece of land.

EARLY EVERGREEN. A valuable sort, maturing a few days earlier than Stowell's. Ears nearly as large, about 8 inches long, 14- to 16-rowed; grains somewhat narrower than Stowell's; very productive and of high quality.

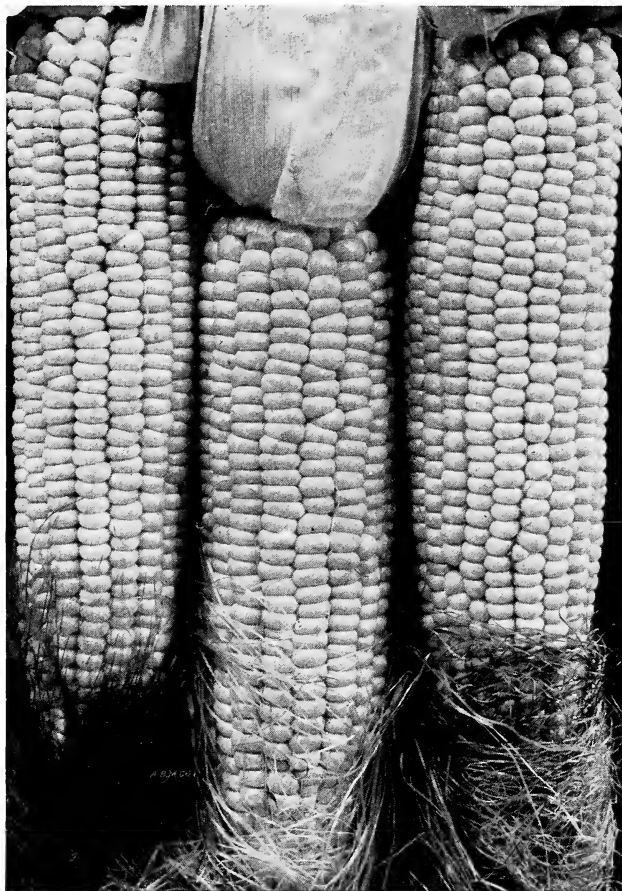
EARLY MINNESOTA. Very popular, standard early sort. Ears about 8 inches long, 8-rowed; kernels very broad, sweet and tender.

GOLDEN BANTAM. Early, golden yellow in color and of highest quality. Ears 6 to 7 inches long, 8-rowed. Our stock has been most carefully selected and is superior to much that is offered. In season following Aristocrat.

GOLDEN SUNSHINE. The earliest of the Golden Bantam type. More dwarf in habit than the Bantam, with ears 6½ inches long, containing twelve rows of broad, yellow, sweet grains.



Barden's Wonder Bantam.



Whipple's Early Sweet Corn.

SWEET CORN—Continued.

GOLDEN EVERGREEN. A cross between Golden Bantam and Stowell's Evergreen and a most excellent sort of fine quality. Ears 8 inches long, 12- to 14-rowed; matures with Early Evergreen, grain rather broad and deep, of a rich golden-yellow color.

HOWLING MOB. One of the finest second early, large eared sorts; very productive, white, and of excellent quality. Ears 9 to 10 inches long, 16-rowed.

MORSE'S GOLDEN CREAM. A very fine corn on the order of Golden Bantam but a week to ten days later. Ears about same size as the Bantam, but the grain is smaller, deep and zigzagged and of a rich golden color; of excellent quality.

STOWELL'S EVERGREEN. The standard and best known sweet corn. Ears 8 to 9 inches long, 16- to 18-rowed, with a very deep, sweet, grain. Our strain of this variety is noted for its uniform, deep grain, small cob and high quality.

WHIPPLE'S EARLY (White). A very early variety with the deep grain of the Evergreen type. About 5 days earlier than Early Crosby. Stalks 5 to 6 feet high, of vigorous growth; ears produced $1\frac{1}{2}$ feet from the ground, often two to the stalk, are 8 inches long, rather "blocky" in form, 16- to 18- and often 20-rowed, filled to the end with rather narrow, deep, wedge-shaped grains of pearly whiteness and high sugar content.

WHIPPLE'S EARLY YELLOW. A remarkable new yellow sweet corn of much merit. While the stalks grow 6 feet or more in height and the 14-rowed ears are 7 to 8 inches in length, this variety matures three days later than Golden Bantam. The kernels are broad, deep and of excellent quality.

FIELD CORN

EARLY GOLDEN ORANGE DENT. Introduced by us in 1928. An 80 to 85 day variety. Long desired by the northern farmer. For a number of years past there has been an insistent demand in the North and East for a really early variety of Golden Dent Field Corn; one that would mature in from 80 to 85 days of corn growing weather. Early Golden Orange Dent Corn is the most desirably colored corn we have ever seen, and when shelled it makes the prettiest picture ever presented to the eye of the farmer. It is at least ten to fifteen days earlier than any other dent variety, maturing in about eighty to eighty-five normal corn days and specially adapted for short seasons of the northern latitudes. The stalks are about 8 to 10 feet high, very strong and rank. The ears grow eight to eleven inches long and contain 14 to 18 rows of kernels on a red cob. The grains are deep and solid making it very heavy in grain and a wonderful sheller. Early Golden Orange Dent Corn also, produces good fodder, and we are sure we will make a firm friend of every northern farmer we ship it to. The ears for shelling were all selected by hand and the seed is in first class merchantable condition. We advise early orders as the stock this year is limited.

EARLY CLARAGE YELLOW DENT. Medium early, very popular with all farmers; normal season should mature in 85 to 90 days, fodder 8 to 11 feet high, 14 to 20 rows per cob, fair to good sized ears, grain not very large.

EARLY BUTLER. Second early, 90 to 95 days normal season; large fodder, 8 to 10 feet tall, small cob, large long kernel, splendid yielder. One of the best for northern Ohio.

EARLY SMOKY DENT. Early, 70 to 80 days, small fodder, small ears, short heavy kernel, beautiful red kernel tipped with white. One of the very best varieties for Northern Ohio farmers to grow, for good sound corn.

GOLDEN SURPRISE. Same as Early Butler, only small cob and larger kernel, beautiful color.

IMPROVED LEAMING. Old standard variety, known by all farmers as a large ear, large fodder, late variety.

80-DAY YELLOW DENT. 80-day maturing variety. Small stalks, ears and fodder. Usually cob medium in size, not so good a sheller, and for early variety not large in yield.

PRIDE OF THE NORTH. Best early variety. Pure yellow in color, beautiful shaped grain, small cob, long grain, wonderful sheller. Medium fodder; 85 to 95 days in normal season.

REID'S YELLOW DENT. Late; 100 to 110 days, large fodder, large ears, small grains, good sheller but poor in looks after it is shelled. Little too late for northern Ohio farmers to be sure of a crop.

WHITE CAP. Medium early, 85 to 90 days; large fodder. Wonderful yielder, fair size ears, small cob, long kernels, yellow with white tips. About the best corn grown for poor, heavy land.

ENSILAGE CORN

BLUE RIDGE ENSILAGE. Virginia grown. Very large fodder; average size normal season 16 feet. Large stalk, ears fairly large. Good growing season ears will make some corn. Yields large tonnage per acre.

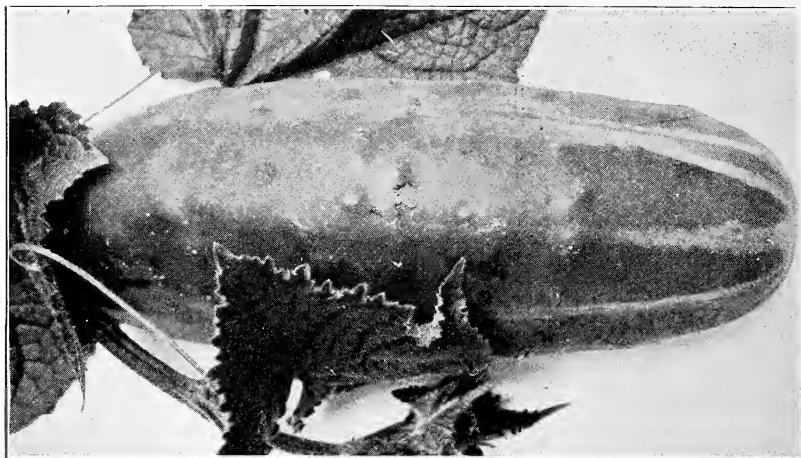
CUBAN GIANT ENSILAGE. Missouri grown. Medium early ensilage. Good size fodder, not so large as to be too stalky. Many leaves, and yields heavy tonnage, but is liked very well as it is earlier than most varieties of ensilage corn.

EARLY EUREKA. About the same as Cuban Giant, some difference in kernel. For ensilage about equal to Cuban Giant.

LANCASTER SURE CROP. Average 12 feet in height, very early, and withstands drought. Ears are very long, and the rich yellow grains are of uniform width and length.

OLD VIRGINIA ENSILAGE. A popular and satisfactory ensilage corn, growing to large size, and very leafy.

RED COB ENSILAGE. Missouri grown. One of the best in cultivation. Fodder averaging 15 feet tall. Fairly late, very heavy foliage and very well liked by all who grow it. In normal season it will get nearly ripe in northern Ohio.



Arlington White Spine Cucumber.

CUCUMBERS

ARLINGTON WHITE SPINE, IMPROVED EARLY. One of the very earliest and best known of the White Spines; a short square-ended, rather three-cornered type; very productive; fine for slicing or pickles; medium green color. $7\frac{1}{2} \times 2\frac{1}{2}$ in. W. S.

BOSTON PICKLING, OR GREEN PROLIFIC. Fruit short, smooth, symmetrical and bright green; very productive, making a good pickle; a little shorter and thicker than most pickling sorts. $6\frac{1}{2} \times 2\frac{1}{2}$ in. B. S.

CHICAGO PICKLING. A most excellent pickling sort; very uniform, productive and good color. Our strain is much superior to stocks generally sold under this name. 7×3 in. B. S.

DAVIS' PERFECT. An extra long, dark green type of White Spine; retains its color and good qualities long after being picked; fruit is exceptionally long, smooth, and tapering at both ends; flesh crisp, solid, with few seeds; mid-season. 11×3 in.

EARLY CLUSTER. Very early; fruit short, chunky, small and borne in clusters in the center of the plant; light green in color; prolific. $6 \times 2\frac{1}{4}$ in. B. S.

EARLY FORTUNE. The finest type of White Spine yet produced. Early, very productive and disease-resistant; fruits nine inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds; color rich, dark green, which does not fade when shipped a long distance. $9 \times 2\frac{1}{2}$ in. W. S.

EARLY WHITE SPINE. A very fine, early strain of White Spine, showing evidences of its Emerald parentage in occasionally throwing a smooth green type. Fruits very rich dark green, symmetrical, thick and nearly square ended; plant healthy, vigorous and productive. Popular in the South as a shipping variety; 8×3 in. W. S.

EVERBEARING. A productive, main crop variety, quite similar in appearance to Early Cluster, though fruit is not so thick; a fair pickler. $6 \times 2\frac{1}{2}$ in. B. S.

IMPROVED LONG GREEN. A standard late, well-known table sort; 12 to 14 inches long, slender, more or less warted, tapering towards the stem end; color dark green, flesh white and firm. We have a superior stock of this variety. 12×3 in. B. S.

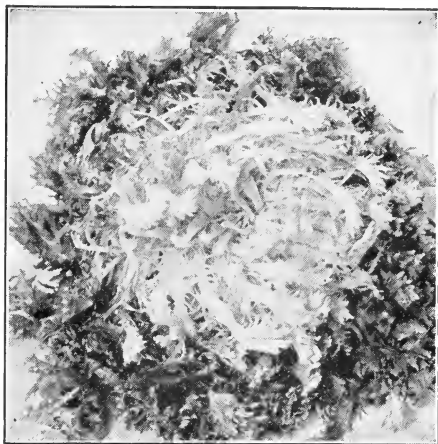
KLONDIKE. A medium early, very good strain of White Spine; fruits attractive, full, uniform, rather thick, short and blocky, tapering abruptly at both ends; color very dark green, which it holds well; only fairly productive. $7\frac{1}{2} \times 2\frac{1}{4}$ in. W. S.

SHORT GREEN. Vigorous and productive; medium in size and earliness; good for pickling and slicing; fruit light green and is inclined to be three-cornered rather than round. 7×3 in. B. S.

WHITE WONDER. Fruit, produced in clusters, is symmetrical, short, blocky and rounded at both ends; color ivory-white from time of forming until maturity; moderately productive. 7×3 in. W. S.



Black Beauty Eggplant.



Green Curled Endive.

DANDELION

COMMON. This is the well known Dandelion; early, vigorous and hardy.

EGGPLANT

BLACK BEAUTY. Earlier and nearly as large as New York Purple; fruit very dark purple, which color it holds for a long time.

NEW YORK IMPROVED PURPLE (Spineless). The favorite market variety. Plant large, spreading and spineless, producing four to six large oval fruits of dark purple color.

ENDIVE

BROAD LEAVED BATAVIAN (Escarolle). One of the best varieties for salads; leaves of upright growth, broad, more or less twisted and waved, bright deep green, with a nearly white midrib. Inner leaves form a fair head which blanches a creamy white.

GREEN CURLED WINTER. The most hardy and vigorous sort; leaves bright, deep green with the outer midribs usually showing a trace of rose; readily blanches a creamy white.

WHITE CURLED. The divided leaves are of a very light yellowish green color which blanches almost white.

KALE or BORECOLE

DWARF CURLED SIBERIAN (German Greens). A most vigorous and spreading variety; leaves are large and rather plain in the center, but cut and frilled at the edges; color is a bluish green.

TALL CURLED SCOTCH. Plants of this variety grow two to three feet in height, bearing long, plume-like, light green leaves which are much cut and deeply curled at the edges; very hardy.

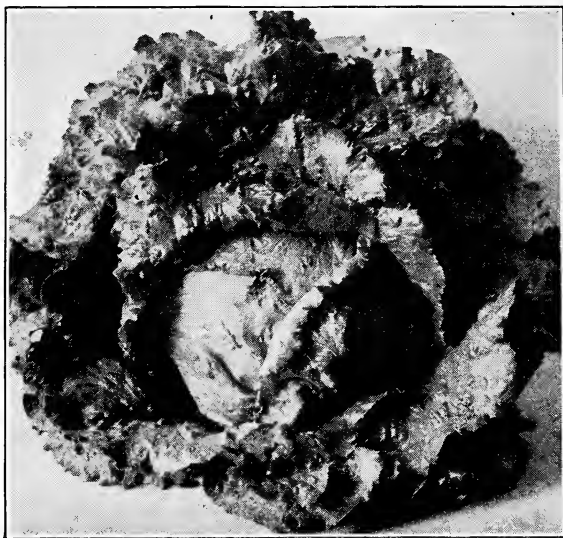
KOHL-RABI

EARLY WHITE VIENNA. Extremely early, with distinctly small tops; bulbs medium size, very light green or nearly white and of best quality.

EARLY PURPLE VIENNA. Early and with small top; bulbs medium size and purple in color; flesh white.

LEEK

BROAD AMERICAN FLAG. The favorite gardener's variety; strong growing, broad leaved and productive.



Iceberg Head Lettuce.

LETTUCE

BIG BOSTON (Selected Stock). Very popular for outside culture as well as cold frame forcing. Head large and compact; leaves broad, almost smooth, but wavy at the edge; color light green, slightly tinged reddish brown; heart greenish white, tinged yellow; of fair quality.

BLACK SEEDED SIMPSON. One of the best and most popular large, early, loose-heading varieties, succeeding everywhere, and always reliable. Leaves very broad, much blistered and crumpled, and excessively frilled on the borders; color light yellowish green; quality fine.

EARLY CURLED SIMPSON. A leading early, loose-heading variety of fairly large size; leaves broad, crumpled and well frilled at the edges; color light green; quality good.

GRAND RAPIDS. The favorite loose-leaved forcing lettuce, and does well in the North for early planting outside. Leaves short, spatulate in shape, excessively blistered and crumpled, and the border heavily fringed; color very light green, with no trace of brown. A most handsome and attractive lettuce of fair quality. Our stock of Grand Rapids is unsurpassed.

HANSON, IMPROVED. One of the most reliable, sure-heading sorts; heads globular, large and late; leaves large and very broad, fairly blistered and crumpled, borders finely frilled; color clear light green; quality good. A fine variety for midsummer planting outside, as it withstands the hot season better than most sorts and is a slow seeder.

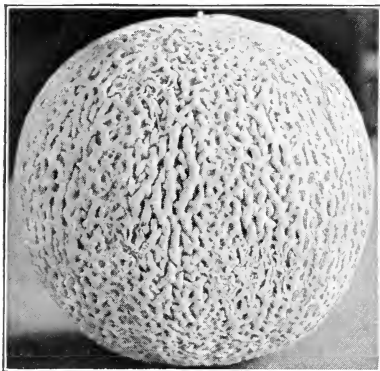
ICEBERG. A large, late, crisp cabbage-heading variety; heads very firm, hard and well blanched; leaves unusually broad and quite blistered and crumpled, borders finely frilled; color medium green with faint brown tracing on the border; quality good. Too brittle to be a good shipping variety.

MAY KING. A handsome, small, extremely early, compact heading variety; leaves light yellowish green, tinged reddish brown at the edges, while the heart blanches a rich golden yellow; quality fine.

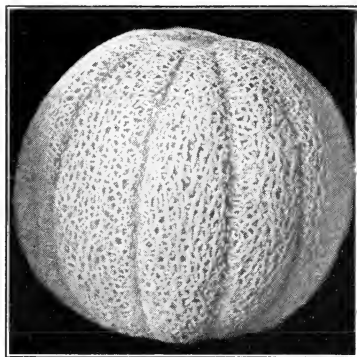
NEW YORK CABBAGE. A very large, late, globular heading variety; leaves broad of thick texture, fairly blistered and crumpled, and the borders frilled; color clear dark green; quality good. Known in California and the West as "Los Angeles," and shipped to eastern markets under the misleading name of "Iceberg."

PRIZE HEAD EARLY. A crisp and tender loose-leaved, non-heading sort, and one of the most popular; leaves much crumpled and excessively frilled at the borders; color light brown on a medium green base; quality good.

WHITE PARIS COS (Romaine). A medium large, strictly self-closing lettuce, making a well-blanched, firm, loaf-shaped head; leaves oval in form, flat and smooth; color medium dark green; quality excellent. Also known as Trianon Cos.



Rocky Ford.



Emerald Gem.

MUSKMELON

BENDER'S SURPRISE (The Bender Melon). A very popular variety in the East, particularly around Albany, N. Y. A selection from Surprise and a close kin to Irondequoit, differing from that variety in being slightly earlier, more oblong, more full and rounded at the ends and not quite as well netted; skin light greenish yellow when ripe. A very delicious, large, salmon-fleshed melon with superior shipping and keeping qualities.

EMERALD GEM. A splendid early variety, coming in just ahead of Rocky Ford; fruits deep emerald green in color, globular or slightly flattened, irregularly and distinctly ribbed and lightly netted; flesh very thick, sweet and of a deep, rich salmon color, having an exceedingly small seed cavity. One of the best melons for the home garden and local market, but not a shipper.

HACKENSACK, EXTRA EARLY IMPROVED. An early selection from the old Hackensack, maturing from week to ten days earlier, somewhat smaller and not so deeply ribbed, but otherwise similar to the old type.

LAKE CHAMPLAIN (Golden Champlain). An exceedingly early, salmon-fleshed melon of medium size and fine quality. Evidently a cross between Fordhook and Emerald Gem as it has a tendency to produce melons resembling both types.

NETTED GEM. A round type of Rocky Ford; entirely covered with fine netting and without ribs; flesh green, tinted yellow at center; quality excellent.

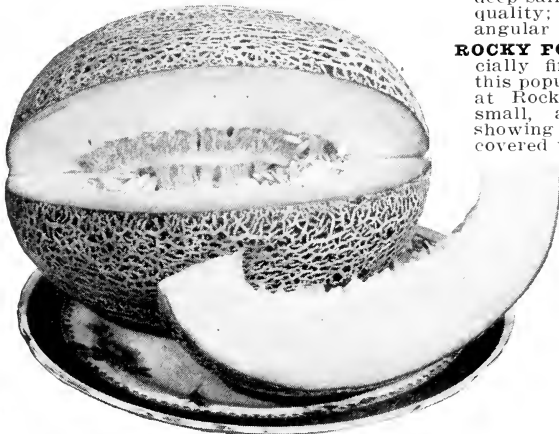
OSAGE. A rather large, main crop, oval melon of very superior quality; fruit dark green, slightly ribbed and well covered with a shallow, gray netting; flesh rich orange-salmon, exceedingly thick, with a small seed cavity.

PAUL ROSE (Petoskey.) An oblong melon of the Osage type, but smaller. The fruits are deep green slightly ribbed and fairly netted; flesh very thick, deep salmon color and of highest quality; seed cavity small, triangular shaped.

ROCKY FORD. We have an especially fine, improved strain of this popular melon as now grown at Rocky Ford. The fruit is small, almost round, smooth, showing no ribs, and densely covered with a heavy, hard gray

netting; flesh thick and deep green, showing a faint lining of pink or gold at the center; of the highest quality. An excellent shipper.

TIP TOP. In shape varies from round to slightly oblong; rather large in size and somewhat late in maturing. Skin pale green, distinctly ribbed and lightly netted; flesh rich deep salmon, sweet and spicy.



Paul Rose.

MUSTARD

FORDHOOK FANCY (Ostrich Plume). A handsome, vigorous growing, mild variety, standing a long time before going to seed; leaves bright green, intensely curled and fringed on the edges; fine for salads and garnishings; seed reddish brown.

SOUTHERN GIANT CURLED. Plant vigorous and hardy, of upright, spreading growth; leaves 5 inches long by 3 inches wide, light green, tinged yellow, much crumpled and frilled at the edges. The popular market variety in the South; seed small, dark reddish brown.

WHITE ENGLISH. Plant of rapid, upright growth, soon going to seed; leaves rather small and smooth, deeply cut or divided; color deep green; seed large, light yellow.

OKRA or GUMBO

WHITE VELVET. Plants 3½ feet high. Pods creamy white, long, smooth and tender; early and productive.



Ohio Yellow Globe Onions.

ONION SEED

LARGE RED WETHERSFIELD. One of the oldest and best known types of onion. A fine, large, rather flat sort of a deep purplish red color; noted for its productiveness and keeping qualities; used largely in the production of onion sets.

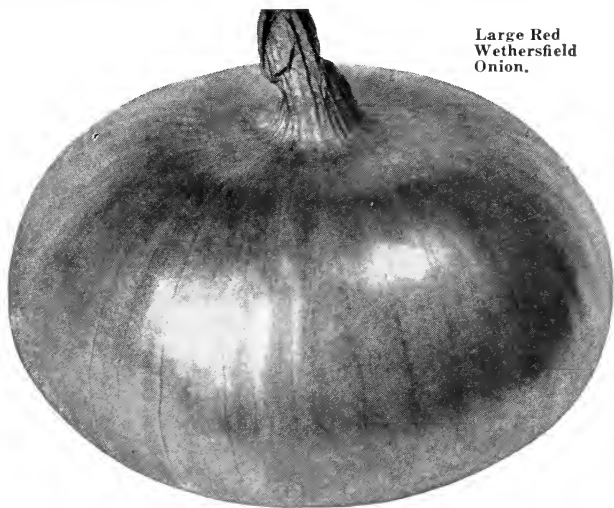
MICHIGAN YELLOW GLOBE. This splendid strain of the high globe type onions matures early and very uniformly. The neck is small and ripens down close to the bulb. Color is an attractive bright yellow so much in demand in all the markets.

OHIO YELLOW GLOBE. A variety quite popular in Ohio and some of the eastern onion growing districts. With the exception that it is distinctly flat bottomed, it resembles Southport Yellow Globe in every respect; Michigan Yellow Globe is practically the same.

PRIZETAKER. One of the largest onions grown and the mildest; is productive and a sure cropper; bulbs are globe-shaped and of a light straw color. Our seed is American grown and very superior.

SOUTHPORT LARGE RED GLOBE. The finest type and most popular of the red onions. The bulbs are distinctly globe-shaped, with a small neck, and are excellent keepers; color a deep purplish red. We have an unequalled strain of this variety and sell annually thousands of pounds in the large commercial onion growing districts.

SOUTHPORT WHITE GLOBE. Of the true Southport Globe form with a thin, delicate skin of purest paper whiteness; flesh is very crisp, fine-grained, snowy-white in color and exceedingly mild, usually commands the highest price in market.



Large Red
Wethersfield
Onion.

ONION SEED—Continued.

SOUTHPORT YELLOW GLOBE. The most largely grown yellow market onion and the most profitable. The bulbs are a true deep globe, having a small neck and a heavy, thick skin which makes it an excellent storage sort; the color is a deep yellow or golden brown, quite distinct from most stocks of this variety. The flesh is white, crisp and mild in flavor.

WHITE PORTUGAL. A large, flat, white onion of mild and pleasant flavor; hard and fine-grained. The Portugal is more extensively grown for sets than any other white variety, and is also largely used as a pickler and for bunching.

YELLOW GLOBE DANVERS. While not so "globy" as the Southport type and hence not so popular in the more critical markets, it is a very dependable onion to grow; it is almost devoid of "stiff-necks," or scallions, is always a heavy yielder, has an excellent color, and because of its small neck cures well and makes splendid storage stock.

MOUNTAIN YELLOW GLOBE DANVERS. A distinct, extra early and very productive strain of Yellow Globe Danvers, grown for many years in the mountain valleys of the West. It was developed here by careful breeding and selection, and is thoroughly acclimated here, fully maturing in our shortest seasons, ripening ten days to two weeks earlier than the old kind and produces large bulbs, weighing from one to one and one-half pounds each. The onions ripen evenly and quickly, have thin necks, which dry down to almost nothing. The bulbs are firm and solid, the hardest and best keeping onions grown, keeping with less shrinkage or loss from any cause than any other variety. The shape is that of the original Globe Danvers, nearly globe-shaped; skin rich copper-yellow; the bulbs are very attractive and striking.

ONION SETS

These quotations are for early Spring delivery: **Red Onion Sets, White Onion Sets, Yellow Onion Sets, Ebenezer or Japanese Onion Sets.**

PARSLEY

FINE DOUBLE CURLED. A standard dwarf variety with deeply cut and finely crimped leaves.

HAMBURG. The edible roots of this variety resemble a small, thick parsnip in shape and color, and are extensively used for flavoring soups and stews; leaves plain.

MOSS CURLED. A compact growing sort; leaves are a uniform dark green color, very finely cut and so closely curled as to resemble bunches of moss; one of the most useful and decorative sorts.

PLAIN. The leaves are flat, deeply cut, but not curled and very dark green in color.

PARSNIPS

HOLLOW CROWNED. Better known and more generally grown than any other sort; roots smooth usually 15 inches long by 3 inches in diameter at the top; tender and sugary



Gradus or Prosperity.

PEAS

ALASKA. Very early, smooth, blue pea. Popular with canners and market gardeners for a first early sort. Height 2½ feet. Foliage and pods light green; pods 2½ in. long, round, straight and square ended, containing 6 light green peas. Very uniform in maturity.

AMERICAN WONDER. Standard, well known extra early dwarf sort. Height 1½ feet.

BLUE BANTAM. A Splendid large-podded dwarf variety of the Laxtonian class. Height 15 inches. Vine and foliage stout and healthy, medium dark green; pointed pods, deep green, 4 inches long, broad and straight, containing 6 to 8 deep green peas of excellent quality.

BLISS' EVERBEARING. An old standard late, main crop variety. Height 2½ feet. Vine and foliage sturdy and strong, dark green; pods usually in pairs, medium green, 3 inches long, straight and containing 4 to 5 light green peas of good quality; matures following Telephone.

CHAMPION OF ENGLAND. One of the richest, best flavored late peas; well known and popular. Height 4½ feet. Vine stout, deep green; pods, often in pairs, medium green, 3½ inches long, straight, nearly round and blunt ended, containing 8 light green peas; productive. Season following Telephone.

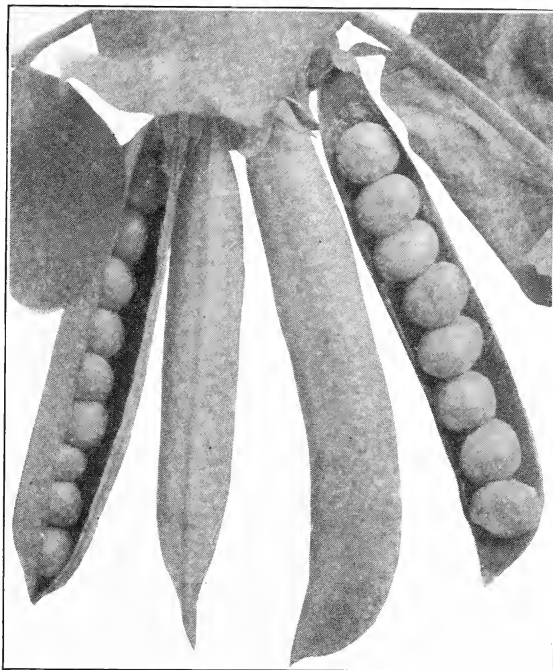
DWARF GRAY SUGAR (Edible pods). Height 3 feet. Purple blossoms. Quite like Tall Gray, but earlier and of shorter growth.

GRADUS OR PROSPERITY. A standard, early large podded variety, very popular with market gardeners. Height 3 feet. Vine and foliage moderately heavy and medium green; pods medium green, 3¾ inches long, semi-round, straight, slightly curved at the tip, and pointed, containing 6 to 8 large, very sweet, medium green peas; moderately productive and of high quality.

STRATAGEM, IMPROVED. A well known old favorite sort. Height 2½ feet. Vine stout, and dark green pods 4 inches long, slightly curved, pointed and dark green, containing 8 to 9 medium green peas.

LAXTONIAN. A large podded, dwarf variety on the order of Gradus, though more dwarf and a little earlier. Height 22 inches; pods and vine deep green; pods 3¾ inches long, straight and pointed, containing 6 to 8 large, dark green peas.

LITTLE MARVEL. An extra fine dwarf sweet pea. Pods somewhat larger than Nott's Excelsior and same season. A fine variety for either private or market garden. Height 18 inches. Foliage and pods very deep green; pods 3 inches long, nearly round and square ended, containing 7 very dark green peas of high quality; very productive.



Mammoth Sugar Peas.

PEAS—Continued.

MAMMOTH SUGAR (Edible Pods.) Large, broad pods, very brittle and entirely stringless. Height 5 feet. Vine stout, medium green; pods light green, $3\frac{1}{2}$ inches long, 1 inch broad, pointed, containing 7 light green peas. Seed smooth and white. Season of Telephone.

McLEAN'S LITTLE GEM. An early dwarf pea for market and family use. Pods large and crowded with 6 to 9 peas. A little dwarf pea for canners.

NOTT'S EXCELSIOR. A standard, extra early dwarf pea. Height $1\frac{1}{2}$ feet. Foliage medium green, stout and heavy; pods light green, 3 inches long, round, straight and blunt ended, containing 6 light green peas of high quality; productive.

PREMIUM GEM. An improved and more dwarf strain of McLean's Little Gem, Height $1\frac{1}{2}$ feet. Foliage dark green; pods light green 3 inches long, round, square ended and well filled with 6 to 8 light green peas of good quality; very productive.

POTLATCH. A large podded variety of wrinkled pea, which is very productive and of excellent quality. The vines grow to a height of about 20 inches; foliage is a healthy dark green color, and the crop matures in about 65 days. The pods, which are borne in pairs, are long, dark green and well filled with large peas. Because of its productiveness and fine quality the "Potlatch" will surely please all who plant it. Said to be an improvement on Stratagem.

TELEPHONE, TALL. A standard, high quality, large podded pea. Height $4\frac{1}{2}$ feet. Vine and foliage strong and heavy, medium green. Pods $4\frac{1}{2}$ inches long, medium green, straight, broad and pointed, containing 8 large, light green peas; main crop, productive.

DWARF TELEPHONE OR DAISY. A midseason variety; vines dwarf and produce large, bright green pods containing peas of finest quality.

THOMAS LAXTON. A cross between Gradus and one of the extra early sorts. It ripens within a day or two of the earliest round varieties, and is extremely productive. The pods are very large and contain 7 or 8 large sized, wrinkled peas of the finest flavor. It is darker colored than the Gradus and hardier in constitution. Height 3 feet.



Ruby King Pepper.

King, embodying the oblong shape and earliness of Ruby King with the size of Chinese Giant. Flesh is thick and mild; very productive; a good shipper.

PEPPERS

BULL NOSE. A standard early variety and popular as a pickling sort; the pendent scarlet fruits are two inches in diameter, three inches long and blunt ended; usually mild and sweet.

LONG RED CAYENNE. Pendent fruits about five inches long and three-fourths inch in diameter at the base, often curved and twisted; bright red; hot and pungent.

NEAPOLITAN. A very early, productive, large variety and one of the sweetest and most mild. Fruit 3-lobed, of upright growth, four inches long and two inches thick; color yellowish green turning bright red at maturity.

PIMIENTO. A very thick-fleshed, heart-shaped, smooth, mild, crimson variety, much used for salads; fruit pendent; $3\frac{1}{2}$ inches long by $2\frac{1}{2}$ inches greatest diameter; rather late in season.

RUBY GIANT. A very excellent, productive large variety; grows as large as Chinese Giant, but doubly as productive with better formed, more oblong, pendent fruits which are 3-lobed, 5 inches long and $3\frac{1}{2}$ inches in diameter; very mild, thick flesh; color brilliant crimson; midseason.

RUBY KING. One of the most profitable and satisfactory varieties for the home or market garden; plants are early, productive and of dwarf, compact, upright growth; fruits pendent, often 4 to 6 inches long by 3 to 4 inches thick, tapering, and of a bright ruby-red color; flesh is thick, sweet and mild.

SWEET MOUNTAIN. Fruits are similar to Bull Nose, but more elongated; of good size and ripen early and evenly.

WORLD BEATER. A cross between Chinese Giant and Ruby

POP CORN

WHITE RICE. The most popular of the varieties with the Pop Corn men and to be recommended above the other varieties.

GOLDEN QUEEN. A large-eared and handsome yellow pop corn. Grains are large, pop perfectly white and are exceedingly tender. Plant grows about six feet high, and yields three or four ears to the stalk.

BABY RICE.

PUMPKINS

CONNECTICUT FIELD (Big Tom). Generally used for planting in corn for stock feeding, and also for making pies; fruit rather oblong, flattened at the ends, often 15 inches in diameter; smooth, hard, reddish orange distinctly ribbed skin with rich, orange-yellow flesh.

JAPANESE PIE. Shaped somewhat like the Cushaws and grows to a large size; skin deep green with dark stripes; flesh deep yellow and of high quality; seeds sculptured like Chinese letters.

KENTUCKY FIELD. Large, round, flattened fruits, much ribbed and creamy-buff in color; flesh yellow, very deep and of fine quality; one of the best canning sorts.

SMALL SUGAR. Fruits small, round, flattened at the ends, and slightly ribbed; skin and flesh deep orange-yellow; flesh very thick and of high quality.

KING OF THE MAMMOTHS. The giant among pumpkins, specimens have been grown to weigh 60 pounds and reaching two feet or more in diameter; fruit round and flattened, slightly ribbed; skin salmon-orange, flesh bright yellow and very thick.



Botzum's Cardinal Gem Radishes.

RADISHES

BOTZUM'S CARDINAL GEM. We have an exceptionally fine stock of this superb variety. It is one of the very earliest of the forcing radishes and does equally well outside; roots are of fair size, globe-shaped and with a very small top; always crisp and tender; color a bright scarlet.

CHARTIER. A very handsome sort; roots 7 to 8 inches long and rather thick, deep scarlet at the top, shading off to pure white at the tip; somewhat later in maturing than other long scarlet sorts.

CHINA ROSE. One of the very best Winter sorts; roots are cylindrical, or largest near the bottom, stump rooted or blunt at both ends; skin smooth and bright, deep rose color; flesh white, crisp and pungent; the roots grow 4 to 5 inches long and 2 inches thick.

CRIMSON GIANT. Extremely large, but never pithy. One of the best for out-door culture. Top is a little too large for a forcing sort; intermediate in season.

EARLY SCARLET TURNIP. A well known variety, very quick grower.

FRENCH BREAKFAST. Of oblong form, small and quick growing; color bright rose-scarlet, with small, white tip; good outdoors or under glass.

ICICLE. The leading long white radish and one of the earliest; roots are somewhat shorter, broader at the top and more square shouldered than Lady Finger, also matures a little earlier; about 6 inches long and white throughout.

LONG BLACK SPANISH. One of the latest and hardiest varieties for Winter use; roots 8 to 9 inches long, 2 to 3 inches in diameter and nearly black in color.

LONG SCARLET SHORT TOP. Roots are smooth, tender and uniform in shape, about six inches long and of a bright carmine-red color; tops short and small; an old standard sort.

ROUND BLACK SPANISH. Roots are round, inclined to top-shape, and 3 to 4 inches in diameter; skin almost black, flesh white, crisp and pungent.

VICK'S SCARLET GLOBE. It is one of the very earliest of the forcing radishes and does equally well outside; roots are of fair size, globe-shaped and with a very small top; always crisp and tender; color a bright scarlet.

SCARLET TURNIP, WHITE TIPPED. Round, deep scarlet, shading to a white tip on the bottom; very early; used extensively both as a forcing and out-door sort. We have a very superior strain of this radish.

RAPE

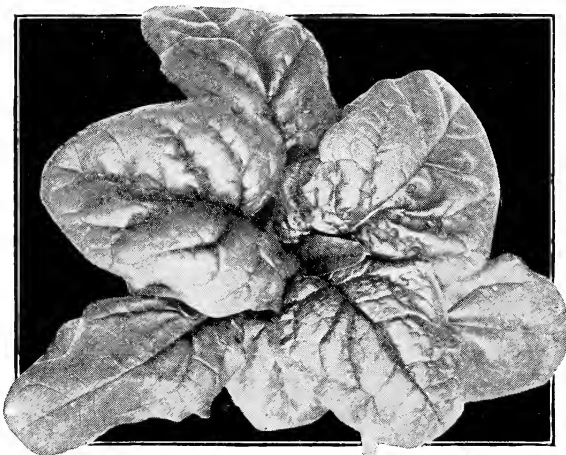
DWARF ESSEX. For sowing. There is no plant that will give so large a yield of forage at so small a cost as this.

RHUBARB, or PIE PLANT

MYATT'S LINNEUS GIANT. Early and very fine; leaves and stalks of immense size.

SALSIFY, or VEGETABLE OYSTER

MAMMOTH SANDWICH ISLAND. An improvement on the ordinary type, producing larger, thicker, tapering, almost white roots, which are less liable to branch; leaves larger and flowers rose colored.



Princess Juliana Spinach.

SPINACH

BLOOMSDALE SAVOY LEAVED. Very early and hardy, and one of the best for market and canning. Plant of upright growth with a tendency to go quickly to seed in hot weather. Petiole (stem) 3 inches long, leaves of medium size, the lower ones rounded while the upper leaves become pointed, more or less crumpled and blistered; color glossy deep green.

KING OF DENMARK. A fine long-season Spinach, remaining longer than most varieties before bolting to seed. Plant vigorous and spreading; leaves large, rounded, crumpled and blistered; deep green in color.

LONG STANDING. Similar to the older type, but with a thicker, more round and lighter colored leaf. Very slow to bolt to seed.

NEW ZEALAND. Entirely distinct from the true Spinach; plant tall and spreading with numerous side shoots; leaves medium green, rather small and pointed; grows well in hot weather and under adverse conditions.

PRINCESS JULIANA. The Juliana is said to be the most thoroughbred type of long-standing spinach ever introduced. It is wonderfully uniform in type and most attractive in appearance, the illustration above hardly doing it justice. In form it is a dense, compact rosette with very short petioles, the leaves are large and rounded, thick in texture, very much blistered and crumpled and of an intense, very dark green color; will hold up well in shipping to distant markets. It is noted for its freedom from male plants and its slowness to go to seed. In some of the southern spinach markets the past season, because of its attractive appearance the Juliana found a ready sale when other varieties were a drug on the market.

THICK LEAVED. A strong, upright growing, medium early sort, quite identical with Thick Leaved Round.

VICTORIA. Makes a dense, flat rosette with very short petioles. Leaves very large, thick and much wrinkled, blunt or rounded and dark green in color. Stands hot weather well and is exceedingly slow to shoot to seed.



Early White Bush.

Yellow Summer Crookneck.

SQUASH

EARLY WHITE BUSH. Very early summer squash; fruit flattened and scalloped, about 8 inches in diameter, comparatively smooth on the surface and creamy-white in color; also known as Patty Pan.

GOLDEN HUBBARD. Quite like the old Hubbard in form and habit, though not so large, but decidedly earlier; the shell is moderately warted, hard, strong and of a rich orange-red color, with occasional creamy stripes running toward the blossom end, and deep green on the "button;" flesh deep orange, dry and of best quality; an excellent keeper.

WARTY HUBBARD. Somewhat larger in size than the well-known Hubbard, and of equal quality, but is more heavily warted and the shell is very dark green, almost black in color. Our stock of this variety is exceptionally true.

YELLOW SUMMER CROOKNECK (Bush). A standard, early and productive Summer sort; fruits about a foot long, moderately warted and of a bright yellow color.

TOBACCO

CONNECTICUT SEED LEAF. A popular sort used for cigar wrappers and home use.

TURNIPS

PURPLE TOP WHITE GLOBE.

Almost a perfect globe in form; flesh and skin white, colored purple, or red, above ground; very fine grained and sweet; a superior variety.

PURPLE TOP RUTABAGA. Roots very large, round, slightly oval; flesh yellow with a purple top.

PURPLE TOP STRAP LEAVED.

The most widely cultivated and best known variety; a very early, productive sort; roots are flat, medium sized, purple or dark red above ground, white below; flesh white, tender and fine grained.

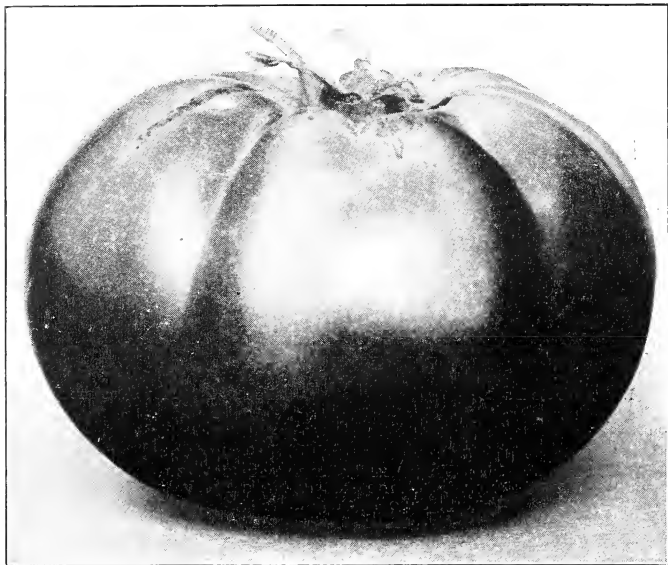
RUTABAGA OR SWEDE

IMPROVED AMERICAN PURPLE

TOP. A hardy, productive variety with a small neck; roots are large, oblong or globular in form, with a very small tap root, color bright yellow, with a purple top; flesh very solid, tender and sweet.



Purple Top White Globe.



Sparks' Earliana Tomato

TOMATOES

BONNY BEST. About a week earlier than Chalk's Jewel; fruit somewhat smaller, very smooth, round, solid and uniform, and produced in clusters in center of the plant; ripens uniformly and is very productive; color bright red.

DWARF STONE. The best of the dwarf tomatoes; fruits large, smooth, round, very solid and of a deep scarlet color.

JOHN BAER. An early, productive, red tomato on the order of Chalk's Jewel. We have a splendid, uniform stock of this variety.

LIVINGSTON'S BEAUTY. Early, hardy, a strong grower and great yielder. Fruit large, always smooth, perfect in shape and excellent in quality. The color is glossy crimson-purple. Grows in clusters of 4 to 6 large fruits, retaining its large size late in the season.

MARGLOBE. A bright red variety, not only on the surface but all the way through. Resistant to wilt and nail head rust disease. The fruits assume a perfect globe form when fully matured. Very solid flesh. Excellent shipping and market variety.

NEW STONE. The improved standard and general favorite with truckers and canners; always dependable, very vigorous and productive; fruits round, large, solid, smooth and deep red in color. Our selected stock of Stone is much above the average.

PONDEROSA. An exceptionally large, purple fruited tomato, and for home use one of the best; fruit very solid, with few seeds. We have much improved this stock, removing the roughness and tendency to split which it formerly possessed.

SPARKS EARLIANA. Our strain of this first early sort is earlier and decidedly superior to much that is sold as Sparks Earliana, and the extreme earliness of its large, smooth fruits makes it a very profitable tomato for market gardeners, as well as desirable for the home garden. The vines are small but vigorous and productive. The fruits are bright deep scarlet, medium to large, nearly round and exceptionally smooth for so early a variety. The fruits are borne near the base of the plant and the bulk of the crop ripens very early.

OXHEART. A giant tomato that attains great size and weight, and still retains perfect form and quality. Tempting, deep rosy pink in color. Delicious, tender, and almost without seeds.



Tom Watson Watermelon.

WATERMELONS

COLE'S EARLY. One of the earliest and best of the early sorts; hardy, medium size, nearly round; rind dark green, striped a lighter shade; flesh deep pink and excellent in quality; seeds black.

KLECKLEY'S SWEETS, OR MONTE CRISTO. Medium to large in size, medium early and exceedingly sweet; oblong in form, slightly tapering towards the stem end, rind very dark green; flesh very bright, rich red and ripens nearly to the rind too tender for a shipping melon; seeds white to light brown.

PEERLESS, OR ICE CREAM. Very early, of medium size and one of the best for growing in the North; a short oblong in form; rind thin, light green, mottled and finely veined with a darker shade; flesh bright scarlet and very sweet; seeds white.

SWEETHEART. A medium early variety growing to a very large size; a heavy, round to oblong form with a rather thick, tough rind and a good shipper; color very light green, slightly veined a trifle darker shade; flesh bright red and of fair quality; seeds black.

TOM WATSON. Probably the best shipping melon, and one of the best main crop sorts; grows to a very large size. Fruit large and long in shape, colored a medium green with a light tracing of a darker shade, not unlike Peerless in its coloring; flesh rich red and of good quality; seeds brown. We have a very fine selection of this melon, grown on our own farms, which is superior to most that is offered.

HERBS

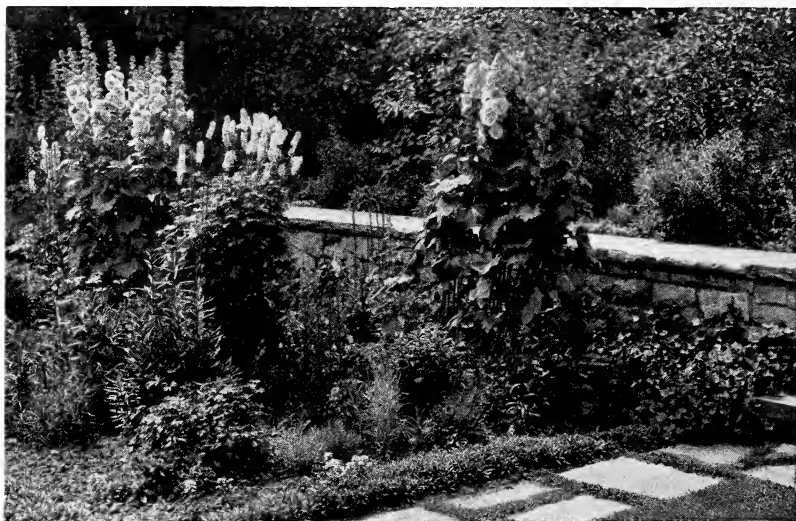
POT, SWEET AND MEDICINAL

Anise—Used for flavoring. **Balm**—Very fragrant leaves. **Basil, Sweet**—Leaves useful for flavoring. **Borage**—Leaves used for flavoring. **Caraway**—Seeds used for flavoring. **Cardoon**. **Catnip**—Leaves used for seasoning. **Coriander**—Seeds used for flavoring. **Dill**, **Mammoth**—Used for flavoring pickles. **Fennel, Florence**. **Fennel, Sweet**—Seeds aromatic. **Horehound**—Very useful for curing coughs. **Lavender**—Leaves very fragrant. **Marjoram, Sweet**—Used as a seasoning. **Rosemary**—Leaves very fragrant. **Rue**—A medicinal plant. **Saffron**—Flowers used for coloring; leaves for flavoring. **Sage**—A highly aromatic herb; most useful of all. **Savory, Summer**—Leaves for flavoring soups. **Thyme, Broad Leaved**—Used as a seasoning. **Wormwood**—Has medicinal qualities; splendid for poultry.

SUNFLOWERS

MAMMOTH RUSSIAN. The standard large growing variety; seeds white, striped black

SELECTED FLOWER SEEDS



General List

Every year we carefully revise our list of flower seeds, add a number of new sorts and discard all inferior varieties. Our collection will be found to contain everything really desirable. Our stock of seeds is of the highest possible quality.

ABUTILON - Flowering Maple

CHOICE MIXED. Used extensively for ornamental bedding; also valuable for flowering indoors during the Winter. Foliage is of maple form and has variegated coloring; flowers bell-shaped; height 3 feet.

ACHILLEA - Milfoil or Yarrow

PTARMICA FL. PL., "The Pearl." Hardy perennial plant bearing its pure white, double flowers in great profusion all Summer. 2 feet.

ACONITUM - Monkshood or Helmet Flower

Handsome hardy perennial, thriving best in semi-shady situations; hood-shaped flowers in clusters; height 4 feet. August-September.

NAPELLUS. Blue.

ACROCLINIUM

DOUBLE MIXED. An "Everlasting," about 15 inches high, bearing white or rose-pink flowers, which can be dried and used in Winter bouquets. Half-hardy annual.

AGROSTEMMA

CORONARIA (Mullein Pink). Silvery foliage and bright crimson flowers; free-flowering hardy perennial. 2½ to 3 feet; June to August.



Ageratum, Blue Perfection.



Sweet Alyssum.

AGERATUM

Hardy annual. Do best in hot sun, can stand poor soil. Tiny flowers in almost globe-shaped clusters, forming a many-branched corymb. Leaves rough and hairy.

BLUE PERFECTION. The deepest blue Ageratum. Plants nine inches tall.

MEXICAN ALBUM GRANDIFLORUM. Large white; 1½ feet.

LITTLE DORRIT. Azure-blue; 8 inches.

LITTLE BLUE STAR. A variety of exceedingly dwarf and even growth, not over 4 to 5 inches high, densely covered with bright blue flowers.

ALYSSUM

SWEET. For beds, vases, baskets, edging or rockwork; blooms all Summer. White.

PROCUMBENS (Carpet of Snow). A very select strain; 2½ inches high and about 12 to 18 inches in diameter.

LITTLE GEM. Very dwarf and compact, and very free flowering. White.

SAXATILE COMPACTUM (Basket of Gold). A beautiful yellow perennial. Compact habit.

AMARANTHUS

Fine for borders of tall plants, or in center of large beds.

TRICOLOR (Joseph's Coat). Leaves red, yellow and green.

CAUDATUS (Love-lies-bleeding). Blood red; drooping habit.

ANEMONE - Wind Flower

CORONARIA. Mixed colors. Hardy perennial. 1 foot.

ST. BRIGID or **POPPY.** Flowers large, semi-double and double; in many colors. 1 foot.

ANCHUSA

ITALICA, "Dropmore." Hardy perennial, 4 feet high, with beautiful flowers of gentian-blue, during the entire season. 3 to 4 feet.

CAPENSIS (Cape Forget-me-not). Free-growing annual variety about 18 inches high. Forget-me-not blue flowers. Blooms all Summer.

ANTHEMIS - Marguerite

KELWAYI (Hardy Marguerite). 2 feet. Daisy-like yellow blossoms, produced all Summer.



Antirrhinum—Snapdragon.



Aquilegia—Columbine.

ANTIRRHINUM - Snapdragon

Large-Flowering Half-Dwarf Varieties.

A splendid type, growing about 18 inches high; the best for bedding purposes.

CARMINE QUEEN. Brilliant rose-carmine.

EMPRESS. Rich velvety crimson.

FASCINATION. Pearly pink self.

FAWN. Terra-cotta pink, suffused yellow.

GOLDEN QUEEN. Clear yellow.

PRIMA DONNA. Terra-cotta pink, yellow.

PURITY. Pure white.

HALF-DWARF MIXED. All the colors.

NEW GIANT SNAPDRAGON - Antirrhinum Maximum

An entirely new race, the result of years of careful selection and culture; the flowers are of extraordinary size. The plants are robust and produce the flowers on extra long spikes.

APPLE BLOSSOM. Rosy-pink.

CANARY BIRD. Canary-yellow, golden yellow center.

CATTLEA. Rosy-lilac.

COPPER KING. Velvety copper scarlet.

SILVER PINK (Special florists' strain). The plants grow to a height of 2 to 3 feet and produce extra long spikes of large flowers.

SNOWFLAKE. Pure white, yellow tube.

THE ROSE. Rose pink.

WALLFLOWER. Brownish orange, copper red.

MAXIMUM MIXED.

AQUILEGIA - Columbine

This family is one of the most beautiful and popular among hardy perennials. Seed sown in the house, in March, will frequently produce bloom the same year. It is best, however, to sow seed out-of-doors when ground warms up. An ordinary garden soil is suitable for their growth. The flowers are fragrant.

LONG SPURRED HYBRIDS (Mrs. Seott Elliot's Strain). The flowers are very large and of distinct shades of blues, lavenders, mauves, whites, creams, pinks, reds, yellows, etc.

LONG SPURRED HYBRIDS. Three feet. Choice mixed. The colors range through the most beautiful combinations of blue, bright rose, pink, mauve, white, yellow and orange.

ARCTOTIS - African Daisy

GRANDIS. Annual plants, producing the entire season, on long stems, large daisy-like flowers, pure white on the upper surface, the reverse side of petals lilac-blue. 2 feet

ARABIS - Rockcress

ALFINA. Plants form a dense carpet completely covered with pure white blossoms; perennial. April-May. 6 inches.

ASPARAGUS

PLUMOSUS NANUS. Graceful, finely cut foliage which will remain fresh a long time after being cut.

SPRENGERI. One of the best plants to grow in hanging baskets or window boxes.



American Branching Aster.



Beauty Aster.

Botzum's Selected Asters

BEAUTY ASTERS

A recently developed late-flowering strain coming into bloom in late September, and being at their best through October. The plants grow nearly 3 feet high, and bear very large, densely double flowers on long strong stems. We offer six beautiful colors.

AMERICAN BEAUTY. Bright cerise-rose.

AZURE FAIRY. Pleasing light blue.

PEACH BLOSSOM. Very desirable.

PURPLE BEAUTY. Rich deep scarlet.

SEPTEMBER BEAUTY. Delicate shell-pink.

WHITE BEAUTY. Giant white. Finest mixed.

CALIFORNIA GIANT ASTERS

A new variety with flowers of the Crego type, and with the habit of growth and long stems of the Beauty type. Flowers large and stand up well after being cut.

PEACH BLOSSOM.

LIGHT BLUE.

DEEP ROSE.

DARK PURPLE.

MIXTURE OF ABOVE.

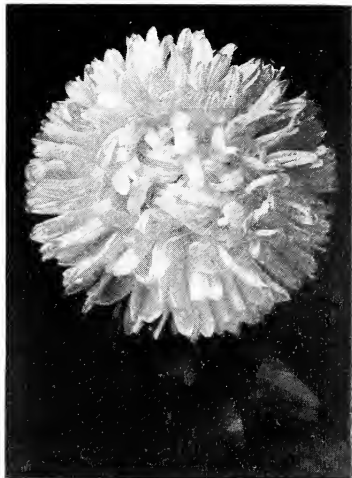
AMERICAN BRANCHING ASTERS SELECTED STOCK

The plants form strong, branching bushes, two to two and one-half feet high, bearing on long, strong stems flowers which, under ordinary cultivation, average five inches across. They are usually at their best during September.

CRIMSON, LAVENDER, SHELL PINK, WHITE, PURPLE and ROSE.
FINEST MIXED.



Giant Comet Aster.



Queen of the Market Aster.

KING ASTERS

Plants are of strong, sturdy habit, fully 18 inches high; flowers of large size and good substance, and with long narrow petals, more or less quilled.

LAVENDER KING. Pale lavender.

ROSE KING. Beautiful, bright rose.

VIOLET KING. A soft shade of violet.

WHITE KING. Large, pure white.

MIXED KING.

QUEEN OF THE MARKET ASTERS

An early flowering Aster, coming into flower in July, of branching habit; flowers of good size and borne on long stems, making them exceedingly valuable for cutting. 1 foot.

BRIGHT ROSE, CRIMSON, LAVENDER, PINK, PURPLE, WHITE and CHOICE MIXED.

GIANT COMET ASTER

A flower of exquisite form resembling Japanese chrysanthemums. Petals are curled downward at the tips.

MIXED. All colors.

SEMPLE'S BRANCHING ASTER

A special strain, American grown and especially adapted to our climate. Long stems, very large flowers, very useful for bedding.

CRIMSON GIANT ASTER

Of upright growth, with extra large, densely double flowers, few under 5 inches across, on stems 15 to 18 inches long; in color a very rich blood crimson.

LADY ROOSEVELT ASTER

The flowers resemble huge incurved chrysanthemums of gorgeous pink, and marvelous beauty. The robust plants produce stout stems, crowned with gigantic flowers.

LAVENDER GEM ASTER

A beautiful variety of the Comet type, with large, perfectly double flowers of a delicate shade of lavender. July through August. 2 feet.

"PEERLESS PINK" ASTER

Enormous, globular flowers of rich shell pink. August and September.



Balsam, Double Camellia-Flowered.

BALSAM - Lady's Slipper

DOUBLE CAMELLIA-FLOWERED. Much improved, and perfect in form and of largest size. Give Balsams plenty of room. Height, 2 feet.

CAMELLIA-FLOWERED, CHOICEST MIXED.

BALLOON VINE - Love-in-a-Puff

A rapid-growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons.

BELLIS PERENNIS - English Double Daisy

Favorite perennials; seed should be sown from June 1st till September, transplanted in the Fall and protected during the Winter, and they will flower the following Spring. If sown in the Spring they will flower in the Autumn. 4 inches.

MONSTROSA, PINK. These surpass all strains in strong, robust growth and in the abundance of extra large, perfectly double flowers.

MONSTROSA, WHITE.

MONSTROSA, MIXED.

BEGONIA (Semperflorens Type)

Unsurpassed for bedding plants, thriving equally well in partially shaded or sunny locations. As pot plants for Winter flowering, they are superb. Seeds sown in February or March under glass will produce nice plants for planting out in June.

SEMPERFLORENS, ROSE. Pale rose.

SEMPERFLORENS, VERNON. Bright orange-carmine; deep red foliage.

SEMPERFLORENS, WHITE.

BOLTONIA - False Chamomile

Hardy perennials, growing 4 to 6 feet high, with daisy-like flowers in countless thousands from July to September.

ASTEROIDES. White.

LATISQUAMA. Lilac-pink.

BRACHYCOME - Swan River Daisy

Free-flowering, dwarf-growing annuals; covered during the greater part of the Summer with a profusion of blue or white flowers, suitable for edging, small beds or pot culture. 9 inches.

BROWALLIA - Amethyst

ELATA. Profuse blooming annuals, covered with beautiful blue or white flowers during the Summer and Autumn months; grows freely in any rich soil. 18 inches.



Hyacinth-Flowered Candytuft.



Canterbury Bells.

CALCEOLARIA

Sow in pans or shallow boxes filled with light soil in the greenhouse in a temperature of 56 to 60 degrees. Cover seed about one-thirty-second of an inch with fine sifted soil and press firmly with a board. Water with a fine spray when necessary, never allowing the soil to become dry. When large enough transplant to small pots.

LARGE-FLOWERED. Mixed.

CALLIOPSIS

Free-flowering annuals of the easiest culture, doing well in any sunny position, blooming all Summer. Sow them where they are to bloom, thinning out to stand 6 inches to 12 inches apart.

GOLDEN WAVE (Drummond). Rich golden yellow with small chestnut-brown center. 12 inches.

MIXED. A splendid mixture.

CALENDULA - Pot Marigold

Hardy annual, one foot in height. Strong, bushy plants. Large, double flowers, ranging from ivory to deep orange. They bloom all Summer and Fall until cut down by frost. Sow in open ground in Spring.

BALL'S ORANGE. (New). Surpasses all other strains, flowers of enormous size, very double and richest color.

ORANGE KING. Double, dark orange-red.

LEMON QUEEN. Double, bright sunflower yellow. These two varieties produce the largest blooms of any of the Calendulas.

MIXED. Named varieties.

CANDYTUFT - Iberis

Candytuft is among the most highly prized of Summer flowers, and no garden is complete without a large quantity of it. Grows easily and blooms all the time until frost. Hardy annuals. 1 foot.

GIANT HYACINTH-FLOWERED WHITE. A pure white variety, of large size, and the finest in cultivation.

ROSE CARDINAL. Very large umbel of bright rose-cardinal flowers, so prolific that a bed presents an unbroken sheet of bloom. Height 8 inches.

MIXED. Containing all of the colors.

HARDY CANDYTUFT

SEMPERVIRENS. A very pretty little evergreen, forming large compact tufts one foot in height. Hardy perennial, covered in Spring with umbels of small silvery-white flowers.

CAMPANULA MEDIUM OR CANTERBURY BELLS

CALYCANTHEMA (Cup-and-Saucer). A variety with very curious and pretty flowers, having the appearance of a cup and saucer. The flowers are usually three inches in length, with saucers three to four inches across. The colors are white, lilac, rose and mixed.

SINGLE CANTERBURY BELLS. Hardy biennial, of easiest culture, blooming the second year from seed. Two and one-half feet in height. Beautiful bell-shaped flowers, two to three inches long, one to one and one-half inches broad. White, pink and blue.



Carnations.



Chinese Woolflower.

CAMPANULA - Bellflower

PYRAMIDALIS (Chimney Bellflower). Hardy perennial. Four to five feet. Plants tall, erect, pyramidal in effect, with spikes three to four feet long of bell-shaped flowers of pale blue or white. Mixed.

PERSICIFOLIA (Peach-leaved Bellflower). Hardy perennial, with superb spikes two to three feet high, of cup-shaped flowers of pale blue or white.

CARNATION

Seeds of the Marguerite and Chabaud types sown in the Spring will, by August, produce plants that will be full of bloom until frost takes them; or they may be cut back, potted, and carried over the Winter in a cool room.

CHABAUD'S EVERBLOOMING. Choice mixed. Flowers sometimes with fringed edges, sometimes smooth, sometimes of solid color, sometimes beautifully variegated and marked. They will bloom in five months from seed, which may be started in the house or in open ground. They will bloom until very hard freezing weather; first frosts do not harm them. All colors mixed.

MARGUERITE. Finest double mixed.

GIANT MALMAISON. Choice mixed. A greatly improved strain producing extra large flowers.

CELOSIA, or Cockscomb

Graceful plants, growing best in rather light soil, not too rich, producing beautiful comb-shaped flowers. Half-hardy annuals.

GLASGOW PRIZE. Enormous rich, deep crimson combs.

CRISTATA NANA. Dwarf sorts mixed; excellent choice.

CRISTATA. Tall sorts mixed.

CHINESE WOOLFLOWER - Celosia Childsi

A garden annual. Plants grow two to three feet high. Scores of branches are thrown out, each bearing a ball of colored wool. Do not fade until hit by frost.

CELOSIA, CHRYSANTHEFLORA

A cross between Celosia Cristata and the Plumosa variety, Pride of Castle Gould. Plants half-dwarf with immense round heads of flowers in a great variety of colors, including salmon, pink and bronze; blooms from July to November. Cut and hung up-side-down in a dark, cool place they will dry and retain their beauty and color indefinitely. Stems 24 to 60 inches long.

CELOSIA PLUMOSA - Plumed Cockscomb

Branching plants 3½ feet high, bearing large, conical, plumed heads of golden yellow, fiery scarlet, purple, salmon, blood-red, etc. Annuals, growing easily and quickly from seed.

PRIDE OF CASTLE GOULD. Forms pyramidal, branching plants, bearing large, conical, plumed heads in various colors. Mixed.



Centaurea Cyanus.



Shasta Daisies.

GINERARIA (Covent Garden Strain)

An extra fine large-flowered mixture, suitable for exhibition.

GRANDIFLORA PRIZE DWARF. Mixed colors; plants of dwarf habit.

STELLATA. Delicate, star-like blooms in great profusion on long stems. All shades.

MULTIFLORA NANA. Dense heads of miniature flowers in a good range of colors. Compact plants.

CENTAUREA

CYANUS (Cornflower or Bachelor Button). Also known as Blue Bottle, Ragged Sailor, Bluet, etc. Annual, flowering freely in almost any situation. 2 feet.

DOUBLE BLUE. A variety largely used by the florist on account of its large size. Splendid for forcing.

IMPERIALIS (Giant Cornflower or Sweet Sultan). Gigantic, beautiful, sweet scented flowers borne on long stems; remain fresh long after being cut. Height, 2 to 3 feet. Separate colors. Brilliant rose, deep lavender, deep purple, lilac and white.

WHITE LEAVED CENTAUREA (Dusty Miller). Grown for their silvery foliage.

CANDIDISSIMA. Broad cut leaves of silvery gray.

GYMNOCARPA. Fine cut silvery gray foliage.

VARIOUS CENTAUREAS

AMERICANA (Basketflower). A native variety, growing 3 feet high and bearing immense thistle-like blooms of a rosy-lavender color.

SUAVEOLENS (Yellow Sweet Sultan or Grecian Cornflower). Very showy, large, bright yellow flowers; sweetly scented, lasting well.

CHRYSANTHEMUMS ANNUAL VARIETIES

BUERIDGEANUM. Pure white petals with zone of rich brownish red and inner zone of yellow surrounding the dark brown disc.

CHAMELEON. Golden chamois, scarlet zone.

NORTHERN STAR. Very large daisy-like flowers, 3 inches across, with pure white fringed petals with canary-yellow zone around a dark brown eye.

THE SULTAN. Rich wallflower-red with narrow yellow zone around the brown disc.

TRICOLOR. Finest mixed.

DOUBLE FLOWERING VARIETIES

CORONARIUM, DOUBLE WHITE.

CORONARIUM, DOUBLE GOLDEN YELLOW.

CHRYSANTHEMUM - Perennial Varieties

JAPANESE HYBRIDS. Large flowers of the finest types; an extra choice mixture. Seed sown in Spring will produce flowering plants by Fall. 2 ft.

KING EDWARD VII. Flowers extra large; pure white.

SHASTA DAISY, "ALASKA." Extra large flowers, of pure glistening white, with broad overlapping petals. 2 feet.



Cosmos.

CLARKIA - Salmon Queen

Single and double, fine mixed.

COLEUS

LARGE LEAVED VARIETIES. Fine colored, most attractive and novel foliage plants for house or garden culture. Sow indoors in March or April and transplant to open ground in May. Tender perennial.

COBAEA SCANDENS

Tender perennial climber. The leaves are ornamental, and so are the seed pods. The flowers are very large and bell-shaped. The vine is sturdy and a very vigorous grower, attaining a height of 20 to 30 feet in a season, and it will stand quite hard frosts in Autumn.

VIOLET. Flowers at first green, gradually becoming vinous bluish violet.

COIX LACHRYMAE - Job's Tears

Hardy annual. One and one-half feet. An annual grass extensively grown for its pearly seeds.

COSMOS**DOUBLE EARLY FLOWERING**

Grow to a height of about four feet, bearing beautiful double flowers of good size on long stems; they come about seventy-five per cent double from seed. They bloom in seventy days, so that seed sown the latter part of April will be in bloom by the Fourth of July and continue until cut down by frost.

CRIMSON, PINK and WHITE.

EXTRA EARLY MAMMOTH FLOWERING

The blossoms under ordinary field cultivation average four to five inches across, surpassing in size any of the late varieties. From seed sown in the open ground.

CRIMSON, PINK and WHITE.

GIANT LATE FLOWERING

Large flowers of perfect form; on long stems and lasting until frost. 5 to 6 feet.

LADY LENOX, PINK. Flowers are of immense size, with wide overlapping petals, making a perfectly circular flower of beautiful shell pink.

LADY LENOX, WHITE. Flowers large, pure white.

COREOPSIS

LANCEOLATA GRANDIFLORA. Hardy perennial with large, showy bright yellow flowers, produced in the greatest abundance from June till frost. Easily grown from seed, flowering the first year if sown early.

CONVOLVULUS - Morning Glory

MAJOR. The old-fashioned Morning Glory. All sorts mixed.

IMPERIAL JAPANESE. Flowers range from pure white to carmine, through all shades of blue and red, bordered, fringed, mottled and striped. The leaves are diversified in shape and color, some being plain green, others blotched with white and yellow. Mixed.



Delphiniums.

from one root. The flowers are double or semi-double, with a blunt plaited spur, and in the throat a curious arrangement of velvety hairy petals, white or blackish. The color varies from the palest blue and almost white to deep violet and smoky-violet, sky-blue and indigo.

They are easily started, perfectly hardy even under the most severe conditions, and increase in size and beauty from year to year. Seed may be started in boxes or open ground in Spring. The plants will bloom the second year from seed. They require a deep soil, rich and mellow. The blooming season is from the end of May to August. When the first flowers fade, the plants should be cut to the ground; a crop of fresh green leaves will at once start, followed by more flower spikes.

BELLADONNA. Immense spikes of clear turquoise blue. 5 feet.

BELLAMOSUM. This is a rich, deep blue form of the popular light blue Belladonna.

FORMOSUM. Beautiful spikes of rich blue flowers, with a white center. 2½ feet.

NEW WREXHAM HYBRIDS. An English strain with enormous spikes and extra large flowers in many shades.

GOLD MEDAL HYBRIDS. An extra fine strain with immense spikes from two to three feet long of large flowers, mostly of shades of light blue.

DIGITALIS - Foxglove

Hardy plants of stately growth, succeeding almost anywhere. Produces long spikes of beautiful, tubular-shaped flowers. 4 to 5 feet.

GLOXINIAEFLORA. A very beautiful class with spotted flowers. White, pink and blue.

DIDISCUS - Blue Laceflower

CAERULEA. Annual. July to November. Pale lavender blossoms. 18 inches high.

CYPRESS VINE

(*IPOMOEA QUAMOCUIT*)

Delicate, fernlike foliage, and masses of small, star-shaped flowers. Sow in May, first soaking the seed in warm water for a few hours. 15 feet. Half-hardy annual.

SCARLET.

MIXED. White and scarlet.

CUCUMBER, WILD

(*ECHINOCYSTIS LOBATA*)

Should be sown late in the Fall or very early in the Spring. It is thickly dotted with pretty, white, fragrant flowers followed by ornamental and prickly seed pods. Will quickly cover an old tree or an unsightly building. Hardy annual.

DAHLIA

But few people know Dahlias can be raised from seed and will bloom the first year. The seeds germinate easily and are strong and sturdy little plants. Plant in a shallow box or pan early in March or April, transplant carefully, and keep the soil moderately moist. When all danger from frost is over, plant in the bed or border in the garden.

FINEST DOUBLE FROM NAMED VARIETIES.

DELPHINIUM

Stately and noble plants, with spikes six to eight feet high, covered for half their length with the beautiful flowers. Sometimes forty spikes are produced



Dimorphotheca—African Golden Daisy.

DIMORPHOTHECA - African Golden Daisy

AURANTIACA. An annual Daisy from South Africa. Plants grow 12 to 15 inches high. The flowers, $2\frac{1}{2}$ inches and over across, are a rich orange-gold, with dark disc and halo. Seed may be sown in the same way as asters or petunias, and should have a dry, sunny position. They bloom the greater part of the Summer and Fall.

AURANTIACA HYBRIDA. Hybrids of the African Golden Daisy, and similar in habit to the parent; flowers as large, but varying in color from the purest white through shades of yellow and orange to rich salmon shades.

DIANTHUS - Garden Pinks

The plants are from 12 to 15 inches in height. Seed can be sown under glass in the Spring, or in an open, sheltered bed. The plants are easily transplanted, and should be set from 8 to 12 inches apart.

HEDDEWIGI FL. PL. (Double Japan Pink). Double mixed. Colors from velvety crimson to delicate rose.

HEDDEWIGI. Finest single mixed; flowers deeply fringed or feathered, of exquisite colors. Half-hardy annual.

HARDY PINKS

PLUMARIUS SEMPERFLORENS (Everblooming Hardy Garden Pinks). Sweet-scented, double, semi-double and single flowers in great diversity of color.

PLUMARIUS FL. PL. (Double Hardy Garden Pinks). Double and semi-double varieties.

CYCLOPS PINKS (Scotch Pink). Very hardy. Single flowers with large eye of velvety blood-red. Has a sweet clove-like perfume.

DOLICHOS - Hyacinth Bean

A rapid growing annual climber. Blooms freely in clusters, followed by ornamental seed pods.

MIXED. All colors mixed.

DRACAENA

INDIVISA. Beautiful long green leaves, useful for baskets, porch boxes or tubs.

EUPATORIUM - Thoroughwort

Hardy perennials, will grow and thrive in almost any situation.

AGERATOIDES. Growing 3 to 4 feet high, with dense heads of minute white flowers from August to October.

COELESTINUM. Perennial 18 to 24 inches high; bears from August till frost an abundance of deep lavender-blue flowers.

EUPHORBIA

Annuals, suitable for beds or borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental.

VARIEGATA (Snow-on-the-Mountain). Attractive foliage; veined and margined with white. 2 feet.



Gaillardia.



Eschscholtzia.

ESCHSCHOLTZIA - California Poppy

A showy, free-flowering plant of low, spreading growth, with finely divided foliage, blooming throughout the season. Seed should be sown thinly in shallow drills early in Spring. Hardy annual.

CALIFORNICA HYBRIDA GRANDIFLORA MIXTURE. New large flowering, erect type containing new colors such as soft pink, scarlet, chrome, copper-red, claret and royal purple.

BALLET GIRL (New). Cochineal carmine, creamy white.

CARMINE KING. Beautiful carmine-rose.

MAUVE BEAUTY. (New). Beautiful lavender-mauve. Flowers large and attractive.

ORANGE FLAME. (New). Vivid orange-scarlet.

LOVELY. Rose-pink suffused salmon.

TANGO. Bronzy red, overlaid terra-cotta.

THE GEISHA. Inside petals brilliant gold, outside orange-crimson, petals fluted.

FEVERFEW - Matricaria

DOUBLE WHITE. Hardy annual; free flowering; showy double white flowers. 18 inches.

GAILLARDIA - Blanket Flower

One of the most brilliant of hardy perennials; blooming the first year from seed if sown early. 2 feet.

GRANDIFLORA SUPERBA. Mixed colors.

NEW HYBRIDS.

GEUM

Hardy perennials noted for their rich coloring and freedom of flowering.

MRS. BRADSHAW. Large, double, brilliant orange-scarlet; in flower throughout the entire Summer.

GLOBE AMARANTH - Gomphrena

Popularly known as "Bachelor Button." The flowers resemble clover heads and can be dried and used in Winter bouquets.

MIXED.

GODETIA

Hardy, pretty annuals suitable for beds, borders, and to grow in shady places. June until frost.

MIXED.

GOURDS

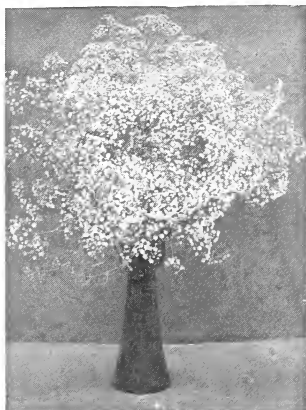
(Both useful and ornamental)

Rapid growing annual climbing plants, with ornamental foliage and curious-shaped fruit. Height 10 to 12 feet.

DIPPER or **CALABASH**, **EGG-SHAPED**, **HERCULES CLUB**, **LUFFA** or **DISHCLOTH.**



Helichrysum—Strawflower.



Gypsophila—Baby's Breath.

GREVILLEA

ROBUSTA (Silk Oak). 1 to 5 feet. Grows rapidly from seed; long, drooping silky foliage.

GYPSOPHILA - Baby Breath

Pretty free-flowering plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers.

ELEGANS GRANDIFLORA; "PARIS MARKET." An improved strain; plants grow about the same height as the older type, but flowers are much larger and are pure white.

ELEGANS ALBA GRANDIFLORA. A hardy annual variety; delicate sprays of pure white flowers.

PANICULATA. Hardy perennial variety; flowers in graceful sprays of white.

HELIOTROPE

A half-hardy perennial, flowering during the whole season; delightful perfume. Seed started indoors in the Spring will make fine plants for Summer blooming.

CHOICEST MIXED. From new varieties.

HELIANTHUS - Sunflower

CHRYSANTHEMUM-FLOWERED. Double golden flowers, resembling Japanese chrysanthemums; 6 to 10 inches in diameter. Plants grow to the height of 5 to 6 feet.

MINIATURE (*fl. cucumerifolius*). Dainty golden yellow flowers borne in profusion on long stems. Will grow in any soil. 2 to 3 feet.

SINGLE RUSSIAN. The tallest common Sunflower.

HELICHRYSUM - Strawflower

Helichrysum is one of the best flowers to dry for home decorating. Gather before the blooms expand and hang heads downwards in cool place. Sow seed about one-fourth inch deep and thin out the seedlings to stand 10 inches apart.

BUTTERCUP. Rich buttercup yellow.

FIREBALL. Bright red.

GOLDENBALL. Golden yellow.

ROSE CARMINE. Rich and glossy.

SILVER BALL. Glistening white.

SALMON. Effective, rosy-salmon.

MIXED. All colors.

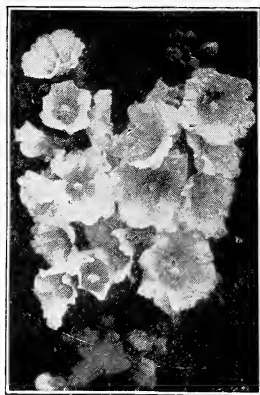
HELIOPSIS - Orange Sunflower

PITCHERIANA. A hardy plant, growing from 3 to 4 feet high, blooming the entire Summer. Flowers deep golden yellow, about 2 inches in diameter.

SCABEA ZINNIAEFLOREA. A new double-flowering form bearing golden yellow Zinnia-like flowers.



Kochia—Summer Cypress.



Hollyhocks.

HELENIUM - Sneezewort

Strong-growing hardy perennials, succeeding in any soil, giving an enormous crop of flowers in late Summer.

AUTUMNALE SUPERBUM. Golden yellow flowers. 5 to 6 feet.

RIVERTON GEM. Flowers opening old-gold, changing as they mature to wallflower-red. 3 feet.

RIVERTON BEAUTY. Rich lemon-yellow, with a large purplish black cone.

HEUCHERA - Coral Bells or Alum Root

SANGUINEA. Hardy perennial. The flowers are bright coral-red, the leaves light green and slightly hairy.

HIBISCUS - Marshmallow

Showy ornamental perennial plants, bloom first year if sown early.

NEW GIANT (Mallow Marvel). A greatly improved form; gigantic single flowers; many shades of red, pink, purple and white.

HOLLYHOCKS - Althaea Rosea

Hollyhocks like a rich, well-drained soil. The seed should be sown in April and May, not later than June, to flower the second year. **Chater's Superb Hollyhocks are the finest in the world.** The long spikes of double bomb-shaped flowers come in shades of red and crimson, rose, yellow, ashen-gray, black, apricot, magenta, etc. The plants grow from five to eight feet tall.

CHATER'S DOUBLE MAROON, CHATER'S DOUBLE PINK, CHATER'S DOUBLE RED, CHATER'S DOUBLE SALMON, CHATER'S DOUBLE WHITE, CHATER'S DOUBLE YELLOW and CHATER'S DOUBLE MIXED.

KOCHIA - Summer Cypress or Mexican Firebush

CHILDSI. Easily grown annual, feathery green foliage; at the approach of Autumn the foliage turns to a deep red color. 2 to 3 feet.

LARKSPUR, Annual

Seeds sown in the open before the close of April will produce flowers by July, and give a continuous succession of bloom until frost. Hardy annual.

TALL DOUBLE STOCK FLOWERED

Plants branch freely, bearing long spikes of beautiful double flowers. Height 2½ feet.

DARK BLUE.

EXQUISITE. (New). An extra fine soft pink.

LUSTROUS CARMINE.

SHELL PINK.

SKY BLUE.

WHITE.

MIXED. All colors.

LANTANA

Seeds are best germinated in a greenhouse from January till March; flowers resemble Verbenas; plants grow erect and remain in bloom all Summer.

DWARF MIXED. 10 inches high; all colors.

CHOICE MIXED. 2 to 3 feet high.



Lobelia, Crystal Palace Compacta.



Mirabilis—Marvel of Peru.

LAVATERA - Annual Mallow

TRIMESTRIS GRANDIFLORA ROSEA. Annual, growing about two feet high and bearing cup-shaped pink flowers the entire season.

LATHYRUS LATIFOLIUS - Everlasting or Perennial Pea

Hardy perennial climber; fine for covering walls, stumps, fences, etc. Free flowering, resembling sweet peas. 6 to 8 feet.

CHOICE MIXED. All colors.

LAVANDULA - Lavender

VERA. Hardy perennial, bearing long spikes of fragrant blue flowers. 18 inches.

LOBELIA

Bloom profusely from June to November. Half-hardy annuals.

CRYSTAL PALACE COMPACTA. Rich blue.

SPECIOSA. Dark blue; trailing.

GRACILIS.

LINUM - Flax

Erect growing plants with showy flowers which open in the sunshine. Blooms continuously. Grow in full sun.

GRANDIFLORUM RUBRUM (Scarlet Flax). Hardy annual with brilliant scarlet-crimson flowers.

PERENNE. Perennial. Blue flowers.

LYCHNIS

Hardy perennial; will bloom first year from seed.

CHALCEDONICA. Sometimes called Maltese Cross. Flowers scarlet.

LUPINUS - Lupine

ANNUAL MIXED. Free-flowering annuals, with long spikes of various colored pea-shaped flowers. 2 feet. Hardy annual.

PERENNIAL VARIETIES

Graceful spikes with pea-shaped flowers; excellent for cutting. May and June. 2 to 3 feet.

POLYPHYLLUS BLUE.

POLYPHYLLUS WHITE.

POLYPHYLLUS MIXED.

MIRABILIS - Marvel-of-Peru or Four-O'clock

Tender perennial blooming first year from seed. The roots may be kept over Winter in the cellar. The plants are two feet high, strong and bushy. Funnel-shaped flowers, open in late afternoon, abundantly borne in terminal clusters, in white, yellow, violet-red, coppery red and rose, sometimes variegated two or three colors. Sow seed outdoors in Spring.

MIXED. All colors.

MARIGOLD**AFRICAN VARIETIES**

ORANGE PRINCE. Double flowers of deep golden orange.

LEMON QUEEN. Lemon-yellow flowers.

FINEST MIXED AFRICAN.

FRENCH VARIETIES

TALL FRENCH. Medium sized flowers in shades of reddish brown, reddish orange, bright orange, bright yellow and brown bordered with yellow, often striped yellow and orange, bright orange, bright yellow and bordered with a second color. Plants 2½ feet high. Mixed.

DWARF FRENCH. One foot. Mixed.

MATRICARIA

(See Feverfew)

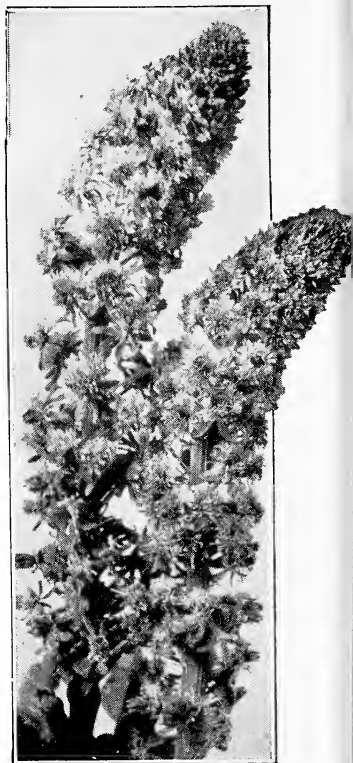
MATTHIOLA

BICORNIS (Evening Scented Stock). Annual of delightful fragrance during the evening; color purplish lilac.

MYOSOTIS - Forget-Me-Not

Hardy perennial. Seed may be sown in Spring indoors and transplanted, or in the open ground; It may also be sown in the Fall. Do well in partial shade, and require much moisture. The plants should be given a very slight covering of leaves during Winter.

PALUSTRIS. Large-flowering; bright blue in color, flowering the first year from seed.



Mignonette.

MIGNONETTE - Reseda

Sowings made in June and again in July will keep up a succession from early Summer until frost.

DEFIANCE. Spikes from 12 to 15 inches long, deliciously fragrant.

GOLDEN MACHET. Distinct variety of Machet, spikes of golden yellow blossoms.

RED GOLIATH. Compact habit, with rich green foliage; flowers of brilliant color.

WHITE GOLIATH. White variety very similar to the red sort.

SWEET SCENTED (Reseda Odorata). The old variety with small spikes, but very sweetly scented.

MESEMBRYANTHEMUM

CRYSTALLINUM (Ice Plant). Dwarf trailing annual plant. Flowers white; prized for its singular icy foliage.

MIMOSA - Sensitive or Humble Plant

PUDICA. Curious annuals, with pinkish white flowers; the leaves close and droop when touched or shaken. 1½ feet.

MIMULUS

Half-hardy perennials, blooming the first year from seed if sown early. 1 foot.

MOSCHATUS (Musk Plant). Small yellow flowers; fragrant foliage.



Nasturtiums.

MOONFLOWER - Ipomoea

WHITE MOONFLOWER. Vigorous vine, making a growth of 60 to 65 feet in a season. Foliage abundant. Funnel-shaped flowers five to six inches across, of pure satiny white, very sweet scented. The flowers open in the evening, but on cold or cloudy days remain open all day. Seed should be soaked in warm water before planting, and notched with a file. Start in the house and transplant to open ground.

NIGELLA - Love-in-a-Mist

MISS JEKYLL. Double flowers of a clear cornflower blue. 18 inches.

NASTURTIIUMS

For ease of culture, duration of bloom, brilliance of coloring and general excellence, nothing excels Nasturtiums. They need a moderately good soil in a well-drained sunny position. Half-hardy annual.

DWARF OR BEDDING VARIETIES

They grow quickly, thrive in the poorest soil and furnish the greatest abundance of long lasting, sweet-scented cut flowers.

DWARF NASTURTIIUMS MIXED. Choice mixture.

TALL OR CLIMBING VARIETIES

Luxurious climbers. 6 to 10 feet.

TALL NASTURTIIUMS MIXED.

NICOTIANA - Sweet-scented Tobacco Plant

Blossoms not unlike a petunia blossom, but with a longer tube. The flowers open toward evening and emit a powerful perfume. Hardy annual.

AFFINIS. Fragrant, tubular, pure white flowers.

AFFINIS HYBRIDA. Colors range through creamy white and rose tints to bright red and crimson.

SANDERAE. An excellent variety, growing about 2 feet high; flowers carmine-red, very fragrant.

OENOTHERA - Evening Primrose

The large, bright, poppy-like flowers open every evening and last until the next day. They are of the easiest culture, doing well in sunny situations and blooming freely all Summer. Plant outdoors in Spring.

LAMARCKIANA. Large yellow flowers. 3 feet.

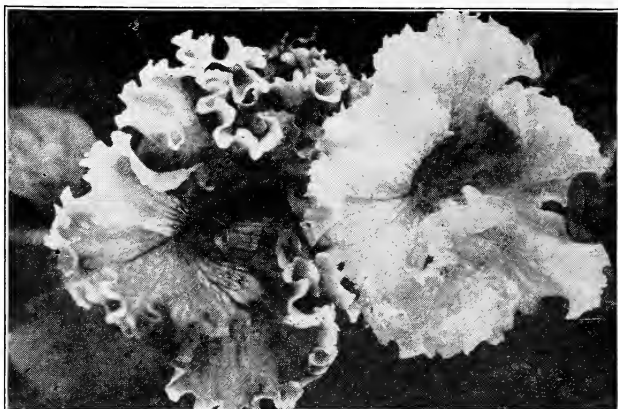
PANSY

GIANT EXHIBITION MIXTURE. The colorings are rich and varied; every shade and tint of rose, canary-yellow, black, white, cream, lavender, garnet, sky-blue and orange are produced in endless variations.

VIOLA CORNUTA**Tufted Pansies, or Violas**

Perennial. 2 to 6 inches. Smaller flowers than the regular Pansies, but bloom profusely all Summer from seed sown in early Spring. The colors are mostly shades of light and dark blue, yellow, lilac and violet. The plants should be given some protection in Winter.

ADMIRATION. Large dark blue flowers.



Ruffled Giant Petunias.

VIOLET - *Viola Odorata*

A great favorite on account of its profusion of bloom and delightful fragrance. Violet seeds germinate very slowly. Hardy perennial.

PETUNIA

Easily cultivated, only requiring a good soil and sunny position. Hardy annual.

LARGE-FLOWERED VARIETIES

GIANTS OF CALIFORNIA. New Giant exhibition strain. The flowers are gigantic in size, and of various and brilliant colors.

RUFFLED GIANT. Immense flowers ruffled and frilled.

DOUBLE LARGE-FLOWERING

Seed saved from the most carefully hybridized flowers produces but a small percentage of double flowers. The weaker seedlings should be carefully saved, as these invariably produce the finest double flowers.

GRANDIFLORA FLORA PLENA FIMBRIATA. A special strain of double fringed.

Single Bedding Petunias

ROSY MORN. Dwarf, bushy plants, bearing brilliant rose-colored flowers with a white throat.

HOWARD'S STAR. Crimson maroon with a clearly defined five-pointed star of bluish white.

ROSE OF HEAVEN. Brilliant rose color.

Balcony Petunias

A large and free-flowering type for window boxes, vases, hanging baskets, etc. The flowers average 3 inches across and make a very effective display over a long season.

BALCONY BLUE. Velvety indigo blue.

BALCONY ROSE. Brilliant rose-pink.

BALCONY WHITE. The pure white form.

BALCONY CRIMSON. Rich velvety crimson.

CHOICE MIXTURE.

PENTSTEMON - Beard Tongue

A perennial producing large spikes of tubular flowers in almost every shade and color.

NEW HYBRID, MIXED. Large spikes. 3 feet.

ANNUAL PHLOX

The first sowing should be made as soon as the frost is out of the ground in Spring, later ones in May, either where the plants are to bloom or in a seed-bed, as the Phlox transplants readily.

SELECT LARGE-FLOWERING VARIETIES

(Phlox Drummondii Grandiflora)

The finest type, having the largest heads of blooms as well as the largest individual flowers; of strong, sturdy growth, attaining a height of about 15 inches.

CRIMSON GRANDIFLORA, FLESH GRANDIFLORA, LILAC GRANDIFLORA, PRIMROSE GRANDIFLORA, WHITE GRANDIFLORA.

STAR PHLOX

PHLOX CUSPIDATA (Star of Quedlinburg). Of dwarf habit with star-shaped flowers. Mixed colors.

HARDY PERENNIAL PHLOX

(P. Decussata)

Hardy herbaceous perennial. Should be sown as soon as frost is out of the ground in Spring or as soon as gathered in the Autumn.

MIXED. All varieties.

PLATYCODON - Chinese Bellflower

Hardy perennials, bearing a profusion of large, bell-shaped flowers the whole season. 2 to 3 feet.

GRANDIFLORUM BLUE.

GRANDIFLORUM WHITE.

PHYSOSTEGIA - False-Dragonhead

VIRGINICA. Dense bushes, 3 to 4 feet high, bearing freely during the Summer months spikes of delicate pink tubular flowers not unlike a gigantic heather.

VIRGINICA ALBA. A white-flowered form of the above.

PHYSALIS - Chinese Lantern Plant

FRANCHETI. Dense bushes about 2 feet high, producing freely bright orange-scarlet lantern-like fruits.

ANNUAL POPPIES

AMERICAN LEGION. This new single Shirley is a dazzling orange-scarlet of enormous size, borne on long stout stems.

SHIRLEY. Deep apricot.

SHIRLEY MIXED. Very choice.

SINGLE MIXED. Annual sorts.

TULIP POPPY (Papaver Glaucum). Flowers 3 inches across and closely resemble the brilliant Scarlet Gesneriana Tulip. 2 feet.

DOUBLE ANNUAL POPPIES

CARNATION FLOWERED. Globular form with fringed petals; mixed colors. 2 feet.

PEONY-FLOWERED. Mixed. Double globular flowers resembling a double peony. One and one-half feet.

PERENNIAL POPPIES

Seed of perennial Poppies may be sown outdoors in the Spring or Fall.

ORIENTAL POPPY, GIANT SCARLET. Grows three feet tall. Large, hairy, dark green leaves and long stems, bearing enormous flowers of scarlet, with large black blotches.

ORIENTAL HYBRIDS. Of the same character as the Giant Scarlet, but the flowers are of white, rose, bright red, scarlet, amaranth, poppy-red, brownish red, violet, wine, mauve.



Double Portulaca.

PORTULACA - Irish Moss or Rose Moss

Succeeds best in an exposed, sunny location and flourishes in dry and very shallow soil. Of creeping nature with mosslike foliage, which from early Summer until frost is hidden by brilliant roselike flowers that open wide in the morning and close in the evening. Mix the seed with 3 or 4 times its bulk of dry sand or soil, which permits an even and easy distribution of the seed. It may safely be sown the latter part of April.

FINEST SINGLE, MIXED. A large variety of brilliant colors.

GRANDIFLORA DOUBLE, MIXED. Producing a large percentage of double flowers.

PYRETHRUM

Very beautiful hardy perennials with large, showy flowers and fine cut foliage.

HYBRIDUM SINGLE MIXED. Large flowers ranging from light pink to deep red, with bright yellow centers. July. 2 feet.

HYBRIDUM DOUBLE MIXED. Seed saved from the finest double flowers; only a small percentage can be expected to come double the first year; mixed colors. 1½ feet.

PRIMULA

Flowers in large clusters in many brilliant shades from white through pinks, crimson to intense maroon. Individual flowers measure about one inch in diameter and fringed. Greenhouse perennial, growing 8 to 10 inches in height.

OBCONICA GIGANTEA MIXED. A new race, with heavy dark green leaves, often six inches in diameter. Flowers from 1¼ to 1½ inches in diameter, in broad umbels. All colors mixed.

VERIS - English Cowslip

SUTTON'S FANCY MIXED. Colors from white to deep maroon, yellow, rose, and crimson shades.

VULGARIS (English Primrose). The common hardy English variety; canary-yellow.

AURICULA OR POLYANTHUS. Early outdoor Spring-blooming plants. Splendid mixed colors.

RICINUS - Castor Oil Bean

Ornamental plants of stately growth and picturesque foliage, with brilliant colored fruit, producing sub-tropical effect; fine for lawns, massing or center plants for beds.

ZANZIBARENSIS. The plants attain great dimensions, with gigantic leaves. The different varieties have light and dark green leaves and some of coppery bronze, changing to dark green, with reddish ribs. The seeds are quite distinct in color and beautiful marked. 8 to 12 feet. Mixed.

RUDBECKIA - Coneflower

BICOLOR SUPERBA. Grows about 2 feet high, forming a dense bush and producing bright flowers in great abundance. The disc is brown, the florets golden yellow, with large velvety brown spots at the base. Half-hardy annual.

NEWMANNI. Bright orange-yellow petals, surrounding a large black cone. Hardy perennial.



Salpiglossis—Painted Trumpet.



Salvia Splendens—Scarlet Sage.

SALPIGLOSSIS - Painted Trumpet

The blossoms are tube-shaped, much like a Petunia. Seed should be sown early in Spring in a hotbed or window and transplanted when weather is settled, or directly out-of-doors after danger of frost is past. Half-hardy annual.

CRIMSON, PRIMROSE, PURPLE AND GOLD, ROSE AND GOLD, SCARLET AND GOLD, WHITE AND GOLD, MIXED.

SALVIA - Flowering Sage

Seed should be sown as early as possible, either indoors or in a hotbed, and the young plants transferred to their flowering quarters when the weather has become settled and warm. Half-hardy perennial.

AMERICA OR GLOBE OF FIRE. Of dwarf, bushy, compact growth, with large spikes of brilliant scarlet flowers from early in the season until late in Fall.

SPLENDENS (Scarlet Sage). Brilliant scarlet flowers. 2 feet.

FARINACEA. A perennial variety, but best treated as an annual, blooming from July to frost from Spring-sown seed; color light blue. 2 feet.

SAPONARIA - Bouncing Bet

OCYMOIDES. Hardy perennial rock plant, producing during the Summer months masses of small, bright rose flowers. 9 inches.

SCABIOSA - Mourning Bride

Hardy annuals, blooming freely through the Summer and Autumn.

GRANDIFLORA VARIETIES, ANNUALS

Flowers large, on stalks fully two feet high.

LAVENDER BLUE, CRIMSON, FLESH-PINK, BLACK PURPLE, ROSE, WHITE, MIXED.

HARDY PERENNIAL VARIETIES

CAUCASICA (Blue Bonnet). Hardy perennials. Soft lavender blue. 3 feet.

SCHIZANTHUS - Poor Man's Orchid or Butterfly Flower

The seeds germinate quickly and come into bloom in a few weeks from sowing. The flowers completely obscure the foliage. Half-hardy annual.

WISSETONENSIS. Various colors.

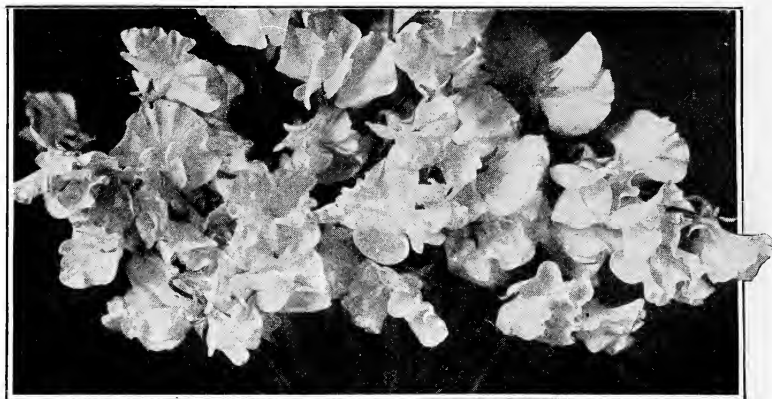
GARRAWAY'S HYBRIDS. Dr. Badger's strain. A grand strain.

SCARLET RUNNER BEANS

Edible beans which succeed sprays of bright scarlet, pea-shaped blossoms.

STATICE - Sea Lavender

LATIFOLIA. Hardy perennial plants, producing all Summer panicles of small flowers, which can be dried and used for Winter bouquets. Large deep blue flowers. 1 foot.



Sweet Peas.

SPENCER SWEET PEAS SUMMER FLOWERING SWEET PEAS

- KING WHITE IMPROVED.** The finest white, strong, free flowering. **Pkt., 10c; oz., 35c.**
- BURPEE'S GIANT WHITE.** Giant White, black seeded, most stems carrying four blooms. **Pkt., 10c; oz., 40c.**
- MATCHLESS.** A new cream variety, frilled and waved standards and wings, very large. **Pkt., 10c; oz., 40c.**
- RADIANCE.** A novelty, a pleasing shade of La France pink, which deepens in center. **Pkt., 25c; oz., \$1.25.**
- SUNSET.** A beautiful shade of soft rich rose. The base of the flower glowing yellow. **Pkt., 10c; oz., 40c.**
- FIERY CROSS IMP.** Deep cherry-red standard with orange scarlet suffusion, wings deep cherry-orange; very fine quality. **Pkt., 10c; oz., 40c.**
- FORDHOOK ORANGE.** Unsurpassed in its color, bright orange, can stand a lot of sun, flowers usually in fours, fine quality. **Pkt., 15c; oz., 80c.**
- SENSATION.** A very fine orange-scarlet, excellent form and size. **Pkt., 15c; oz., 40c.**
- KING EDWARD.** An old favorite crimson, with large well waved flowers. **Pkt., 10c; oz., 40c.**
- R. F. FELTON.** One of the best lavenders, wonderful color of rich lavender. **Pkt., 10c; oz., 40c.**
- ORCHID IMPROVED.** A great improvement on the variety Orchid, flowers larger and more waved, color clear Cattleya lavender. **Pkt., 10c; oz., 40c.**
- NEW WEDGEWOOD.** Color bright Delphinium Blue, very large flowers and waved, mostly four blooms to stem. **Pkt., 10c; oz., 50c.**
- MRS. TOM JONES.** Bright blue, a very fine variety, large waved flowers. **Pkt., 10c; oz., 40c.**
- JACK CORNWELL.** A very fine dark blue, very large and fine form. **Pkt., 10c; oz., 40c.**
- ROYAL PURPLE.** Color, warm, rich purple, free bloomer. **Pkt., 10c; oz., 40c.**
- BLANCHE FERRY SPENCER.** Standards rich rose-pink, wings white. An old favorite. **Pkt., 10c; oz., 40c.**
- WARRIOR.** Color, rich reddish maroon, flushed with bronze, free bloomer. **Pkt., 10c; oz., 40c.**
- ROYAL SCOT.** Color deep cerise, a wonderful shade, long stems with four large flowers on a stem. **Pkt., 10c; oz., 50c.**
- GLITTERS.** Fiery orange standard, wings deep orange, an excellent variety. **Pkt., 15c; oz., 60c.**
- MRS. KERR.** The best early flowering salmon in existence. **Pkt., 25c; oz., \$1.00.**
- HERCULES.** A very fine deep rose-pink, very large, of excellent form. **Pkt., 10c; oz., 40c.**
- PICTURE.** Flowers of immense size, color cream and pink tones, a strong grower, with stems carrying four blooms. **Pkt., 10c; oz., 50c.**
- BUCKEYE SPECIAL SPENCER MIXTURE.** A complete mixture of fine varieties for anyone who wants an array of colors. **Pkt., 10c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.25.**

STOCKS - Gilliflower**IMPROVED LARGE-FLOWERING TEN WEEKS STOCKS**

The leading class, coming into flower quicker than the other types.
MIXED. Double large flowering.

MAMMOTH-FLOWERING BEAUTY STOCKS

Early-flowering Winter Stocks, forming much-branched plants about 2 feet high and having numerous spikes of very large, double, fragrant flowers. If sown in February or March will produce plants that will bloom out-of-doors from midsummer till frost.

BEAUTY OF NICE. Delicate flesh-pink.

CRIMSON KING. Rich blood-crimson.

MONT BLANC. Purest white.

MONTE CARLO. Canary-yellow.

QUEEN ALEXANDRA. Soft rosy lilac.

SUMMER NIGHT. Rich deep blue.

CHOICEST MIXED. All colors.

STOKESIA - Cornflower or Stokes Aster

15 to 18 inches high. Centaurea-like blossoms from July to October, each measuring from 4 to 5 inches. Hardy perennial.

CYANEA. Light blue.

SMILAX - Myrsiphyllum Asparagoides

Smilax is the most useful climber which adorns the greenhouse or conservatory. Tender perennial.

SOLANUM

CAPSAICSTRUM (Jerusalem Cherry). Of dwarf, branching habit, leaves small and oval-shaped, bearing in profusion bright scarlet, globular berries. One foot. Tender perennial.

SWEET WILLIAM**Dianthus Barbatus**

Hardy perennial. It is much better to raise new, vigorous young plants from seed every season than to divide the old plants.

PINK BEAUTY. Beautiful salmon-pink flowers.

SCARLET BEAUTY. Deep scarlet.

HOLBORN GLORY. A large-flowered selection of the Auricula-Eyed type. The individual flowers and trusses are of extraordinary size, all showing a clear white eye.

SINGLE MIXED. A choice assortment of single-flowering varieties.

DOUBLE MIXED. All colors and shades.

SWEET ROCKET - Hesperis

MATRONALIS MIXED. Perennial plants with spikes of showy, fragrant flowers. 2 to 3 feet. Blooms during June and July.

THUNBERGIA - Black-Eyed Susan

Rapid-growing annual climbers, preferring a warm, sunny situation. Flowers in buff, white, orange, etc., with dark eyes. Mixed colors. Half-hardy annual. 4 feet.

TORENIA

FOURNIERI. Sky-blue, with three spots of dark blue, bright yellow center. Half-hardy annual.

VERBENAS

Seeds should be started early in the house and the young plants bedded out by the first of June; will make a lavish display of flowers until frost. Half-hardy annual.

NEW VERBENAS OF MERIT

A new strain of grandiflora Verbenas; the plants are compact growing, bearing immense trusses, the individual florets measuring an inch and over in diameter. These Verbenas are fixed and come true from seed.

ALBA. Pure white.

ROSE CARDINAL. Carmine-rose with large white eye.

ROSEA STELLATA. A pure rose-pink, with large white eye.

LUCIFER. Vivid scarlet self, nearly twice as large as the older type.

MAYFLOWER. The finest rose colored Verbena; beautiful shade without an eye.

HELEN WILLMOTT. Of exceptional size, of a bright salmon-rose color, and a pretty marking of pure white in the center of each individual flower.

MAMMOTH FANCY. Mixed.

VERONICA - Speedwell

Hardy perennial plant of easy culture. Grows bushy and produces long spikes of flowers.

SPICATA. Long spikes of bright blue flowers.

VINCA - Madagascar Periwinkle

Dwarf bedding plants, easily raised from seed; deep green glossy foliage and bright single blossoms; sow early.

MIXED.

WALLFLOWER

Tender perennial. Plants one and one-half feet tall, with woody stems. Flowers are borne on spikes. Colors yellow, crimson, purple, apricot and reddish brown.

CHOICE MIXED. Single-flowering.

XERANTHEMUM

Everlasting, or Immortelle

DOUBLE MIXED. Pretty "Everlasting" with silvery foliage and silky flowers in pink, white and purple. Half-hardy annual.

ZINNIAS

Hardy annuals. Requires but little attention; will grow in any good garden soil.

DOUBLE GIANTS. An improved strain with enormous flowers.

BUTTERCUP. Deep yellow.

CRIMSON. Best red.

LIGHT FLESH OR BLUSH PINK.

ORANGE AND GOLD. (New). Very attractive.

ROSE QUEEN. (New). Tyrian rose with deep rose-red center.

SALMON. Fine, light salmon-rose.

SPECIAL MIXTURE. Finest colors.



Zinnias.

New Double Dahlia-Flowered Zinnia

The plants are of strong, vigorous habit from two and one-half to three feet high, producing mammoth flowers four to six inches across. Similar in shape to the double Decorative Dahlia. As the result of careful selection, the size, form and coloring have been greatly improved.

CANARY-YELLOW, CRIMSON SCARLET, DEEP LAVENDER, ROSE-PINK, OLD ROSE, ORANGE AND GOLD, FIERY SCARLET, MIXED.

Double Giant Picotee Zinnias

A new, distinct and striking class. The flowers are in shades of orange, flesh, lemon, pink and cerise, each petal distinctly tipped with various shades of darker color.

MIXED. All colors.

CURLED OR CRESTED. Large double flowers; petals twisted, curled and crested into fantastic and graceful forms.

TALL DOUBLE ZINNIAS

Flowers of good size; height two and one-half feet.

MIXED.

GLADIOLI**NEW AND CHOICE VARIETIES**

- AMERICA.** Flesh pink, lightly tinged with lavender.
BARON HULOT. Rich, royal violet-blue.
BRENCHEYENSIS. A most effective scarlet.
CHICAGO WHITE. Pure white, lightly marked with lavender.
EMPRESS OF INDIA. Rich velvety dark red with deep shadings.
EVELYN KIRTLAND. Beautiful shade of rosy pink, darker at the edges, fading to shell-pink at the center with brilliant scarlet blotches on lower petals.
GRETCHEN ZANG. Pink, blending into scarlet on lower petals.
HALLEY. Large, open flowers of a delicate salmon-pink; very early.
HERADA. Very large flowers of pure mauve with deeper markings in the throat.
KUNDERDI GLORY. Large creamy white flowers with crimson stripe in center of each petal; end of petals ruffled.
LE MARECHAL FOCH. Pure delicate rosy pink. Very large lily-like flower. Blooms two weeks earlier than America.
LOVELINESS. Very large flowers of creamy white, suffused with soft pink.
MARY FENNELL. Beautiful light lavender flowers on a tall slender spike; lower petals penciled with primrose-yellow.
MRS. FRANCIS KING. Light scarlet.
MRS. FRANK PENDLETON. Light pink, heavily blotched with blood-red in throat.
MR. MARK. Light blue with darker spot.
PEACE. Large white with pale lilac feathering.
PRINCE OF WALES. Beautiful light salmon, with orange shade; very early.
PINK PERFECTION. Rose-pink, with 8 to 10 flowers open at one time.
PRINCEPINE. Fine carmine red with white spot.
SCHWABEN. One of the newer of the yellow varieties.
WAR. Deep red, shaded crimson.
WHITE GIANT. Large pure white.
WILBRINCK. Lovely flesh-pink with orange blotch on lower petals.
WILLY WIGMAN. Blush white with dark blotch.
YELLOW HAMMER. The best yellow Gladiolus. Extra large flowers.

GLADIOLI, Primulinus Hybrids

Colors vary from pale yellow to light salmon. Flowers are somewhat different in style from ordinary Gladioli, in that the petals are quite thin.

- ALICE TIPLADY.** Orange-saffron color.
ROANOKE. Yellow.
SIRIUS. Large, dark salmon.

JAPANESE LILIES

- AURATUM** (Golden-Banded Japan Lily). Fragrant flowers composed of six petals of a delicate ivory-white, thickly studded with chocolate-crimson spots, and striped through the center a golden yellow. 3 to 5 feet. July to September.
SPECIOSUM ALBUM. Large, white flowers of great substance, with a greenish band running through the center of each petal.
SPECIOSUM RUBRUM OR ROSEUM. Rosy white, heavily spotted with rich crimson spots.
SPECIOSUM MAGNIFICUM. Large flowers of rich deep red.

DIELYTRA or DICENTRA

- SPECTABILIS** (Bleeding Heart or Seal Flower). Long racemes of graceful heart-shaped, pink flowers. Valuable for planting in the shade.

TUBEROSES

- EXCELSIOR PEARL.** Robust stem and long spikes of flowers, which are more double and twice as large as those of the old sort.

TRITOMA - Red-hot Poker, Flame Flower or Torch Lily

- PFITZERI** (Everblooming Flame Flower). In bloom from August to November. A rich orange-scarlet.

Ornamental Shrubs and Trees



Hedge of *Berberis Thunbergi*.

BERBERIS THUNBERGI

Low shrub, growing 2 to 3 feet high, with deep green, dense foliage in Summer and attractive red berries in Winter. The branches are thickly set with sharp spines, making it fine for defensive hedges. Grows well in shady places.

ALTHEA or HIBISCUS - Rose of Sharon

Tall growing symmetrical shrubs which are adaptable for tall screen or hedge. They grow 6 to 12 feet tall and are thickly studded with hollyhock-like flowers from July to September.

PINK, RED OR WHITE.

BUDDLEIA - Butterfly Bush

In this climate kills back to the ground in Winter but comes up from the root in Spring and by July is 4 to 6 feet tall and covered with long spikes of bluish violet flowers which attract butterflies.

CALIFORNIA PRIVET

A vigorous growing hedge plant with glossy, deep green leaves. Grows naturally 5 to 10 feet high but may be kept sheared to any height or shape.

CLEMATIS

Fine perennial climbers for covering walls, fences, trellises, etc.

C. paniculata. Dense masses of small white flowers.

C. Jackmani. Large flowered purple.

C. Mme. Edouard Andre. Large flowered red.

DEUTZIA - Pride of Rochester

Grows 6 to 8 feet tall and blooms in May. Flowers double, white, tinged with rose on the outside. Very free-blooming.

DUTCHMAN'S PIPE

A climbing vine of rapid growth. Foliage dense, light green. The pipe-shaped yellow brown flowers give it its name.

FLOWERING ALMOND

Graceful, symmetrical shrubs 4 to 6 feet in height, literally covered in May with double roseline blossoms.

WHITE AND PINK.

FLOWERING CRAB

Remarkable flowering tree bearing myriads of very double flowers resembling miniature roses, of an exquisite shade of pink with deeper blush toward the center; fragrant.

FORSYTHIA

Bloom very early in the Spring, before the leaves appear, with masses of golden yellow flowers. Height 3 to 6 feet, foliage dark green. Grow well in shade.

MOCK ORANGE

An old-fashioned shrub with creamy white flowers. 5 to 7 feet tall and of vigorous growth. Blooms in May and June.

BUSH HONEYSUCKLE

Vigorous, tall growing shrubs, very valuable for screening and massing. Bloom early in the season, followed by showy red berries, which hang a long time and are much liked by the birds.

HYDRANGEA ARBORESCENS

Has somewhat the appearance of a low growing Snowball, with large flat clusters of white flowers in June and July. 6 to 8 feet. Will grow in shade.

HYDRANGEA PANICULATA GRANDIFLORA

Very popular shrub, adapted to almost any use or situation. Blooms in August, in immense panicles of delicate pink blooms, changing to bronze and lasting until Autumn.

BOSTON IVY

One of the most valuable climbers for covering brick, stone or wood structures. The leaves, a rich green, are so dense as to overlap each other, and turn to brilliant scarlet in the Fall. Will cling to anything.

LILAC

Old-time favorite, growing 8 to 15 feet tall, bearing in May the familiar fragrant flowers. Fine for tall screens or backgrounds.

PURPLE AND WHITE.

SPIREA

Considered among the most valuable of all shrubs and unsurpassed for massing or hedging. 3 to 6 feet. Rapid growers and free bloomers.

WHITE, PINK, AND RED.

SNOWBERRY

Upright shrub with slender branches bearing inconspicuous pink flowers followed by showy pure white berries which hang a long time. 3 to 5 feet.

WEIGELA

Large, thrifty shrub of erect habit, 6 to 8 feet in height, covered in June with trumpet-shaped stemless, rose-colored flowers, clustered thickly along the branches.

WEeping MULBERRY

Forms a graceful umbrella-shaped head, with long, slender, willowy branches drooping to the ground; beautiful green foliage. Ornamental specimen.

WISTERIA

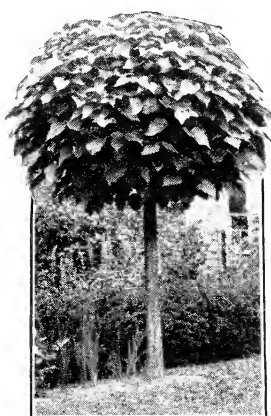
Rapid growing vine, covered in May and June with long pendulous clusters of fragrant pale blue flowers. Fine for covering pergolas, porches or arbors.

ROSES

Hybrid Tea, Hybrid Perpetual, Climbing and Rambler Roses in all the desirable varieties.



Globe Arbor-Vitae.



Catalpa Bungei.

EVERGREENS

AMERICAN ARBOR-VITAE

A broad, pyramidal shaped evergreen with dense, deep green foliage. Hardy. Adaptable for hedges and may be sheared to any shape or height.

GLOBE ARBOR-VITAE

Grows naturally in perfect globe shape. Good as specimen or in front of taller evergreens. Typical arbor-vitae foliage.

BIOTA ORIENTALIS

Similar to the American Arbor-Vitae but with stiffer, darker green foliage.

NORWAY SPRUCE

One of the most rapid growers among the evergreens, of graceful habit and with dark green foliage. Best evergreen for windbreaks.

SCOTCH PINE

Of quick, strong growth and very hardy. Long needles and a hint of reddish brown in the bark. Suitable for screens, windbreaks or massing.

JUNIPER

Junipers of various kinds.

The above evergreens furnished in sizes 15 inches to 6 feet.

DECIDUOUS TREES

CATALPA BUNGEI

A grafted variety with straight stem and rounded compact head. Pleasing foliage and formal effect.

SILVER MAPLE

Rapid growing tree of large size, producing quick shade. Adaptable almost anywhere except in dry soils.

MOUNTAIN ASH

Medium sized tree with fine foliage. Covered from July until Winter with clusters of bright berries.

FRUIT TREES AND PLANTS

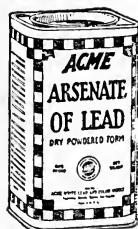
Fine vigorous stock in all of the popular varieties.

PEACH, PEAR, QUINCE, APPLE, CHERRY, PLUM, GRAPES, STRAW-BERRY, CURRANTS, GOOSEBERRIES.

ACME INSECTICIDES AND FUNGICIDES



**ACME ALL ROUND
SPRAY** Each
 ¼ lb. \$0.45
 1 lb.95



**ACME ARSENATE
OF LEAD** Each
 ½ lb. \$0.30
 1 lb.50
 4 lbs.
 100 lbs.

ACME LONDON Each
 ¼ lb. \$0.15
 1 lb.40

**ACME GARDEN
GUARD** Each
 1 lb. \$0.25
 5 lbs.90

ACME BAIT-M Each
 1 lb. \$0.40
 3 lbs.75

**ACME PARIS
GREEN** Each
 ¼ lb. \$0.20
 1 lb.55

**ACME BEAN
BEETLE DUST** Each
 1 lb. \$0.40
 4 lbs.80
 100 lbs.



**ACME CALCIUM
ARSENATE** Each
 ½ lb. \$0.25
 1 lb.40
 4 lbs.85

**ACME 2-WAY
SPRAY** Each
 ¼ lb. \$0.30
 1 lb.50
 4 lbs. 1.3

**ACME BORDEAUX
MIXTURE** Each
 1 lb. \$0.45
 4 lbs.
 100 lbs.

ACME SPRAY SOAP Each
 1 lb. \$0.35
 5 lbs. 1.50



ACME LIME SULFUR Each
 1 lb. \$0.35
 5 lbs. 1.50
 10 lbs. 2.75
 25 lbs. 5.50
 50 lbs. 10.00
 100 lbs. 17.00
 200 lbs. 30.00



SCALECIDE (Pratt's). Used to destroy San Jose scale. An all-around dormant spray for use during late Fall, Winter or early Spring when leaves are off the trees. Non-poisonous. One gallon makes 15 gallons of spray. Qt., 75c; gal., \$1.75; 5 gals., \$6.25; 10 gals., \$10.60; 15 gals., \$13.50; 50 gals., \$38.00.

PYROX (Bordeaux-arsenate of lead paste). A combined insecticide and fungicide forming a remedy for fungous and leaf-eating insects. Dilute 1 pound with 5 to 10 pounds of cold water. Lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25.

PARADICHLOROBEZENE. For peach tree borers, to be used during August and September. Not effective at other seasons. Apply 1 ounce in a circle around the trunk of each tree and cover it with soil. Lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.50.

TREE TANGLEFOOT. A paste preparation for painting around the trunks of trees to prevent caterpillars from crawling up. A band 6 inches wide around the tree will prove effective. Lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.25; 25 lbs., \$11.00.

WILSON'S WEED KILLER (Super-Strength). Kills all plant growth. Clean and odorless. Removes all vegetation from paths, roadways, tennis courts, etc. One gallon mixed with 41 gallons of water will treat 800 square feet. Qt., 75c; gal., \$2.00; 5 gals., \$8.00; 50 gals., \$50.00.

TERRO ANT KILLER. Will rid a place of ants in 24 hours. Place Terro in a receptacle. Ants will appear in great numbers at first but will soon disappear entirely. On lawns, golf courses and fields place Terro in receptacles or on stones, but must not have contact with grass. Bottle, 50c.

SPRAY PLANTS WITH



Leading entomologists are familiar with Ever Green and have endorsed it as a safe, effective killing agent. Kills most plant pests, including even cutworms. Use it freely on tender plants and flowers—it can't burn or otherwise injure them. Neither will it injure the soil.

NON-POISONOUS. EVER GREEN kills only

insects—it is harmless to man, live stock, birds and pets.

EASY TO USE. Just mix it with water and stir. No need for constant agitating—EVER GREEN stays in solution and won't clog sprayers.

PRICES

1½-oz. bottles	\$0.35
6-oz. bottles	1.00
16-oz. bottles	2.00
32-oz. bottles	3.85
1-gal. bottles	13.00

Bulk Prices On Request.



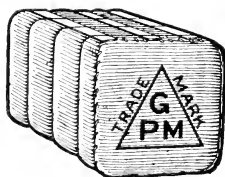
BLACK LEAF 40 is a solution of Nicotine Sulphate. It is highly recommended by Experiment Stations throughout the United States as a spray for soft bodied sucking insects. For spraying only. Directions must be followed carefully: 1-oz. bottle, 35c; ½-lb. can, \$1.25, makes 40 to 100 gallons; 2-lb. can, \$3.50, makes 200 to 500 gallons; 10-lb. can, \$13.50, makes 840 to 2100 gallons.

VOLCK. A wonderful spray for the garden, nursery and greenhouse. Has produced marvelous results in controlling red spider, mites, flies, scales, mealy bugs, caterpillars, aphids, etc. Kills the insects and acts as a repellent also. This is the ideal spray for roses, chrysanthemums and carnations and is especially recommended for greenhouse use. ¼ pt., 50c; pt., 75c; qt., \$1.00; gal., \$3.00; 5 gals., \$12.00.

GRAFTING WAX. For grafting and to rub over wounds made in pruning. ¼ lb., 20c; ½ lb., 30c; 1 lb., 50c.

IMPORTED GRANULATED PEAT MOSS Turf MULL IMPORTED GRANULATED PEAT MOSS

FOR LAWNS. Apply Peat Moss on lawns in early Spring or late Fall. It will hold the moisture at the roots of the grass and prevent souring. In the Fall cover the lawn with ½ inch of Peat Moss. It will be assimilated by Spring. If Fall covering has been neglected apply a light application in the Spring and occasionally during the Summer. 1 bale will cover 480 square feet ½ inch thick.



FOR MULCHING

A mulch 4 or 6 inches deep on Fall bulbs is beneficial. As a Summer mulch for roses, can-nas, dahlias, etc., Peat

Moss assures constancy of moisture supply and makes for perfect development. 1 bale, \$5.00.

McQUEEN'S DUST-KOTE INOCULATOR

Now you don't have to use out-of-date, messy methods to treat your legume seeds. The new McQUEEN Dust-Kote Inoculator is just dusted on the seed. Takes but a moment to do it right in your seeder, you need no water at all. Sticks to seed and is a CLEAN, handy inoculation.

ABSOLUTELY GUARANTEED

to give satisfactory results or your money back. This is for your protection. You are the judge of results.

Inoculate your Alfalfa, Sweet Clover, Soy Beans, Vetch, Peas, Beans and Clovers of all kinds with McQueen's guaranteed Inoculator that hastens maturity, increases the crop, improves its quality, enriches the soil and saves fertilizer bills.

Simple directions for mixing Inoculator with your seed are printed on each package of McQueens. Only a few minutes of your time is required to inoculate your legume seed. Many Master Farmers use McQueen's.

REDUCED PRICES For Clover or Alfalfa

½ bu. size inoculates 30 lbs. seed ..	\$0.50
1 bu. size inoculates 60 lbs. seed ..	1.00
2½ bu. size inoculates 150 lbs. seed ..	1.75

For Soy Beans, Cow Peas, Vetch, Peas or Beans—all large seed

1 bu. size inoculates 60 lbs. seed ..	\$0.50
2 bu. size inoculates 120 lbs. seed ..	1.00
5 bu. size inoculates 300 lbs. seed ..	1.75

Garden Packet

Peas, beans, lima beans, sweet peas..\$0.15
Always state kind of seed you wish to inoculate.

PRICE LIST OF SEEDS FOR BIRDS

We quote fancy re-cleaned dustless seeds f. o. b. Cleveland—freight, express or parcel post.

	Lb.	100 lbs.		Lb.	100 lbs.
Canary—Large	\$0.20	\$12.50	Steel Cut Oats	\$0.12	\$ 9.00
Imp. German Rape (Sweet) ..	.20	12.50	Lettuce Seed Black .....	.40	24.00
Large English Rape .....	.20	12.50	Sunflower—Striped .....	.15	12.50
Hemp—Re-cleaned .....	.15	10.00	Botzum Love Bird Mixture ..	.15	12.50
Flax Seed—Re-cleaned .....	.20	12.50	Cuttle Bone (cases or less) ..	.40	
Millet .....	.15	11.00	Magnesia Grit .....	.08	6.00
Milt—Golden .....	.15	10.00	Silver Gravel—Case of 36 boxes,		
Poppy—Blue Maw .....	.25	20.00	\$4.00; per box .....	.15	
Thistle Seed .....	.50	37.50	Special Bird Dainty .....	.30	

Prices subject to our confirmation. Inquiries solicited for larger quantities. Breeding Bird Cages and Supplies a specialty. Standard Training Cages for the Show Room. Your orders will be appreciated.

"PIEP" AND "PIEP-EXTRA"

The Endorsed Imported Scientific Food Preparation for Canaries.

Manufactured in accordance with certain medical provisions prescribed in the formula by Prof Dr. Schultz, of Berlin, Germany. It is a food mixture that contains the purest herbs, nutritive salts and minerals which Nature itself has intended for the maintaining of strong, healthy birds—elements which are not found in any other bird food on the market.

A trial will convince you. Your money back if not satisfied. Put up in boxes at 50c, 95c and \$1.75.

SEMESAN

A General Disinfectant for Vegetable and Flower Seeds or Bulbs and Certain Plant Diseases.

2-oz. tin	\$.50
1-lb. tin	2.75
5-lb. tin	13.00
25-lb. pail	56.25
100-lb. drum	220.00
300-lb. drum	645.00

SEMESAN BEL

An Instantaneous Dip Disinfectant for Seed Potatoes.

4-oz. tin	\$.50
1-lb. tin	1.75
5-lb. tin	8.00
25-lb. pail	31.25
100-lb. drum	120.00
300-lb. drum	345.00

SEMESAN JR.

A Dust Disinfectant for Seed Corn.

4-oz. tin	\$.50
1-lb. tin	1.75
5-lb. tin	8.00
25-lb. pail	31.25
100-lb. drum	120.00
300-lb. drum	345.00

CERESAN

A Dust Disinfectant for Wheat, Oats, Barley, Other Cereals and Cotton.

1-lb. tin	\$.75
5-lb. tin	3.00
25-lb. pail	12.50
100-lb. drum	49.00
300-lb. drum	144.00

NU-GREEN

A Grass Disinfectant for Brown Patch Prevention and Control.

3-oz. tin	\$.50
1-lb. tin	2.00
5-lb. tin	9.00
25-lb. pail	37.50
100-lb. drum	145.00
300-lb. drum	420.00

BAYER DUST

A Dust Disinfectant for Seed Corn.

4-oz. tin	\$.50
1-lb. tin	1.75
5-lb. tin	8.00
25-lb. pail	31.25
100-lb. drum	120.00
300-lb. drum	345.00



PULVERIZED SHEEP MANURE. The best, most convenient and economical natural manure. Safe for all particular uses, such as golf course, country club and park lawns, market gardens, etc., in which the introduction of weeds and foreign grasses would be extremely objectionable. If you really want the greenest kind of a velvety lawn and gardens that will be a delight to possess, flowers of rare foliage and bloom, fruits, vegetables and berries that come near to perfection, give your soil a good dressing of Wizard Brand Sheep Manure the first thing this Spring. It does not fill your lawn with noxious weeds; it is always ready and clean to use, also easy to apply. As a top dressing for lawns broadcast about 100 lbs. per 2000 square feet, or 1 ton per acre. 2 lbs., 20c; 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00.

SHREDDED CATTLE MANURE. A coarse shredded manure, dried and sterilized; a splendid substitute for stable manure in gardens and greenhouses or wherever it is desirable to supply plant food, humus and organic matter. Especially valuable for composting, mulching and top dressing. Splendid for roses, ferns or where a cool, slow-acting manure is wanted. 110 lbs., \$3.00.

HUDSON SUNSHINE SPRAYER NO. 36

(Wheelbarrow Type)

Capacity 12½ gallons.

Designed for spraying greenhouses, nurseries, small orchards, vineyards, trees and flowers. Also for spraying whitewash and disinfectants in barns and poultry houses. Can be transported through narrow openings and in close quarters and on hillsides and uneven ground without tipping.

The tank is heavy galvanized steel sheet reinforced by heavy steel wire rolled into the top edge and beading through the body. Capacity 12½ gallons. Wheels 16 inches in diameter, with 1¼-inch rim; strong and sturdy.

Completely equipped with 5 feet of heavy 5-ply, ¾-inch hose, 2-foot brass extension and Ideal angle spray nozzle. Shipping weight 42 lbs. Complete, \$15.60.

**HUDSON IDEAL SPRAYER NO. 33**

The Hudson Ideal outfit is equipped with a reserve air pressure of 270 lbs. This enables the operator to stop pumping and spray several minutes before further pumping is necessary. One man can operate it alone. Equipped with our regular No. 4 Barrel Pump. Tank made of heavy copper-bearing galvanized or brass sheets, reinforced at top and bottom with channel iron hoops. Capacity 15 gallons. Air tank tested at factory under 275 lbs. pressure, fitted with gauge reading to 200 pounds. Wheels 18 inches in diameter, 2½-inch tire, light, strong and rigid. Discharge equipment includes 6 feet of ¾-inch heavy spray hose, 4-foot ¼-inch iron pipe extension, Ideal angle nozzle and leakless shutoff. Shipping weight 105 pounds.

No. 33. Ideal, with galvanized tank\$35.75
No. 33-B. Ideal, with brass tank 44.75

HUDSON PERFECTION SPRAYER NO. 110

Capacity 4 gallons.

A high pressure compressed air sprayer which can be adapted to many uses. In addition to its principal use for spraying orchards, vineyards, greenhouses and truck gardens, it is also adapted for applying whitewash, cold-water paints, floor oils, etc.

The tank, measuring 7½ inches in diameter and 20 inches high, is made of heavy galvanized or brass sheets, riveted and soldered. Capacity 4 gallons. Tested under actual working conditions before leaving factory.

The pump cylinder is made of seamless brass tubing 1¼ inches in diameter and 15½ inches long, combining simplicity, strength and service. Comes equipped complete with 24 inches of 5-ply special spray hose, 1-foot brass extension rod, and automatic shut-off nozzle that works perfectly under any pressure. The angle nozzle enables the operator to easily reach low-lying plants, under surface of leaves, and all parts of trees, shrubs and plants. Shipping weight 12 lbs.

No. 110-G. (Galvanized)\$6.75
No. 110-B. (Brass) 10.95

**HUDSON HAND SPRAYERS NO. 435 HUDSON SPRAYER**

Adjustable nozzle enables the operator to vary the proportions of compressed air and liquid to suit the density of the liquid being used, or the work to be done.

Particularly effective for fly oils and repellants in the smaller barns and dairies, likewise with insecticides, disinfectants, deodorants, floor oils, etc., in hotels, restaurants, clubs, school buildings, theatres, etc.

Pump. Heavy tin, 1¼ inches diameter, 15 inches long. Recessed into top of tank and securely soldered.

Tank. Heavy galvanized steel, 5½ inches diameter, 6¾ inches long. Capacity approximately 3 quarts. All seams double sealed and thoroughly soldered. Carefully air tested and inspected. Large filler opening.

Nozzle. All brass, instantly adjustable. Removing gives immediately accessibility to syphon tube, ball check valve, etc., a feature not found in other sprayers of this type.

Price, \$1.50 each.

NO. 452 HUDSON MISTY

Capacity 1 quart.

Of sturdy appearance and construction, which combines strength, simplicity and neatness. Heavy tin, 50c; Brass, \$1.00.

HUDSON HAND SPRAYERS—Continued.**NO. 305 HUDSON FOG**

The Hudson Fog Sprayer is especially designed for vaporizing fly oils and household insecticides so fine as to remain in suspension in the air. A pump of large air capacity combined with a syphon tube of the proper proportion insures sufficient air to thoroughly vaporize all the liquid lifted. The curved syphon tube permits the sprayer to operate in an almost vertical position even when the tank is nearly empty.

Pump is made of heavy tin. Sets into top of tank and is thoroughly soldered, a very rigid construction. This avoids any outside bracing and shortens the distance the liquid must be lifted before being vaporized. Tank is made of heavy tin; capacity $\frac{3}{4}$ pint. Fitted with combination drip cup and brace, and vent which eliminates syphoning and vacuum. 40c each.

F-2 HUDSON SPRAYER

This sprayer is particularly designed for household uses. Handles fly oils, moth preventatives and all household insecticides and disinfectants very efficiently. Compact, sturdy construction. Can detach for convenient filling. This sprayer is also a favorite with chemical manufacturers who furnish small introductory packages of insecticide and a sprayer. Pump attaches directly to can screw and syphon tube. Tank capacity about $5\frac{1}{2}$ ounces. 15c each.

F-4 HUDSON SPRAYER

The Daisy Sprayer is very popular for household use, as it will handle all insecticides, disinfectants, fly oils, etc., very satisfactorily. Also a very popular number with manufacturers of fly oils, etc., for use in combination packages. Detachable can has unusually large opening to facilitate cleaning, filling, etc. Pump is directly attached to large screw cap and syphon tube. Tank has capacity of 5 ounces. 25c each.

NO. 140 HUDSON JUNIOR SPRAYER

The Hudson Junior Sprayer is made for the man who needs a high pressure compressed air sprayer of small capacity. It is particularly adapted for the backyard garden or small truck farm, for use around the chicken house, in the dairy barn, hog pen, for disinfectants in the home or in hotels, restaurants, theatres and other public buildings. It is a well made, substantial sprayer, thoroughly tested under actual working conditions at the factory. Capacity $2\frac{1}{2}$ gallons. Galvanized, \$5.10; Brass, \$7.50.

NO. 125 HUDSON ECONOMY SPRAYER

The Hudson Economy Sprayer is designed to give the purchaser the greatest possible value at an attractive price. Workmanship is of very high order throughout, materials of first quality. Can be used with white-wash and cold-water paints, insecticides, disinfectants, shingle stains, etc. Widely used for spraying potatoes and garden truck, in the orchard and vineyard, around the poultry house, dairy barn, and hog pen, for washing automobiles, sprinkling flowers, and for similar purposes. Capacity $3\frac{3}{4}$ gallons. Galvanized, \$5.00 each.

NO. 192 HUDSON LEADER SPRAYER

The Hudson Leader Sprayer offers all the essentials of a high pressure compressed air sprayer at a minimum cost. Made of high quality material throughout, simplicity of construction with resulting lower costs permitting its attractive price. Adapted for all classes of work. Handles whitewash, cold water paints, insecticides, fungicides, etc., very efficiently. Can be used in the truck garden, orchard, vineyard, poultry house, dairy barn, hog pen, about the house and yard, etc. Capacity 4 gallons. \$5.00 each.

Planet Jr. Garden Tools

NO. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER, WHEEL HOE, CULTIVATOR AND PLOW

This tool combines in a single convenient implement, a capital hill-dropping seeder, a continuous row seeder, single wheel hoe, an excellent furrower, a capital wheel cultivator and a rapid and efficient wheel garden plow. In a word, with a great variety of tools, excellent in design and quality, it is without an equal for easy adjustment, strength, lightness and beauty. It is a practical, every-day time, labor and money saver. Holds $2\frac{1}{2}$ quarts of seed. Weight 49 lbs. Price, complete, \$18.00; as a seeder only, \$14.25.

design and quality, it is without an equal for easy adjustment, strength, lightness and beauty. It is a practical, every-day time, labor and money saver. Holds $2\frac{1}{2}$ quarts of seed. Weight 49 lbs. Price, complete, \$18.00; as a seeder only, \$14.25.

PLANET JR. GARDEN TOOLS—Continued.**NO. 16 PLANET JR. SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW**

This cultivator has a great variety of tools which adapt the implement to a large variety of work, and there is scarcely any garden work of which they are not capable. The handles are adjustable in height. The frame is steel, convenient and strong, with quick change device by which to exchange the tools. Weight 25 lbs. Price, \$9.00.

NO. 17 SINGLE WHEEL HOE

Identical with No. 16, but does not include rakes and leaf lifter. Price, \$7.75.

NO. 12 DOUBLE WHEEL HOE, CULTIVATOR AND PLOW

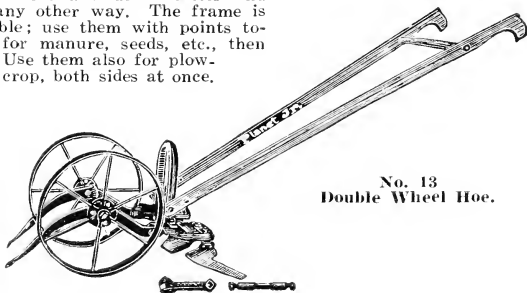
The Planet Jr. Double Wheel Hoes are the greatest cultivating tools in the world for the onion grower, and also garden crops from drilled seed. They do more and do it better and easier than can be done in any other way. The frame is steel. The plows are invaluable; use them with points together for opening furrows for manure, seeds, etc., then exchange sides for covering. Use them also for plowing away from or toward the crop, both sides at once.

The cultivating teeth for deep or shallow work, and for marking out.

Leaf lifters enable fine work to be done when plants are large or leaves are flat on the ground. Weight 33 lbs. Price \$10.75.

NO. 13 DOUBLE WHEEL HOE

This tool has 6-inch hoes only, these being the tools that are most generally useful. The hoes are the most valuable of all the wheel hoe attachments; are oil tempered and polished. Weight 27 lbs. Price, \$8.00.



No. 13
Double Wheel Hoe.

Stearns Lawn Mowers

MODEL NO. 70 CAYUGA

A plain bearing Mower having 8-inch drive wheels. Three revolving blades of tempered crucible steel. All parts accurately machined the same as on higher priced Mowers. Sizes, 14 inches, \$6.50; 16 inches, \$7.00.

MODEL NO. 100 ALBANY

A light and attractive Mower. Wheels 9 inches in diameter. Four revolving blades of tempered crucible steel. Mounted on ball bearings. Same adjustments as our high grade Mowers. Low tie rod or shrub guard. Sizes, 14 inches, \$8.00; 16 inches, \$8.50; 18 inches, \$9.00.

MODEL NO. 50 SENECA

Wheels 8 inches in diameter, width of tread $1\frac{1}{4}$ inches. Has four tempered crucible steel revolving blades. Ball bearing cylinder with self-adjusting cones. Cones made of tool steel, hardened. Stationary knife of tempered crucible steel. Top screw adjustment. High tie rod or shrub guard. Sizes, 16 inches, \$9.50; 18 inches, \$10.50.

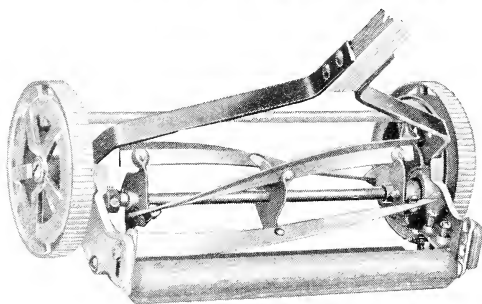
MODEL NO. 25

Wheels 10 inches in diameter, width of tread $1\frac{1}{4}$ inches mounted on steel bearings. Has five revolving blades of tempered crucible steel. Cylinder mounted on ball bearings. Cones made from cone steel hardened and ground, self-adjusting. Stationary knife made of tempered crucible steel. Top screw adjustment. Wheels equipped with oil cups. High tie rod or shrub guard. Sizes, 14 inches, \$11.50; 16 inches, \$12.25; 18 inches, \$13.00.

MODEL NO. 35 UTICA

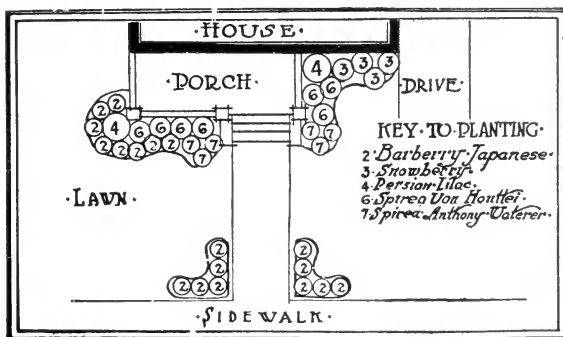
A High Grade Mower in Every Respect.

Wheels 11 inches in diameter, with face of tread $1\frac{1}{4}$ inches. Mounted on $\frac{3}{4}$ -inch steel bearings, which in turn are securely bolted to side frame. Has five revolving blades of tempered crucible steel mounted on Hyatt roller bearings, self-adjusting. Cones made of special cone steel, hardened and ground. Stationary knife of tempered crucible steel. Top screw adjustment. Oil cups on wheels. High tie rod or shrub guard. Cylinder and roller arms of malleable iron. Sizes, 16 inches, \$14.25; 18 inches, \$15.00.





The May Queen Home Planting



KEY TO PLANTING

- (2)—18 Japanese Barberry
- (3)— 4 Snowberry, White
- (4)— 2 Persian Lilac
- (6)— 7 Spirea Van Houttei
- (7)— 6 Spirea Anthony Waterer

This plan indicates how a planting can be made around this pretty home. Varieties can be changed to suit taste of owner. As shown, XX grade,

Price, Postpaid **\$11.50**

Special Porch Planting

Same high grade shrubs are used in this collection offer as in our complete foundation planting. There are enough to make a beautiful planting around the porch or home entrance.

- | | | |
|--------------------------|-------------------|-------------|
| 4 Spirea Van Houttei | 2 Hydrangea P. G. | 2 Deutzia |
| 4 Spirea Anthony Waterer | 6 Barberry | 2 Forsythia |

Our ridiculously low price on this collection of mailing size shrubs is..... **\$7.75**

Back Yard Fruit Collection

Two Concord Grape Vines Given Free

Whether you live in the city or on the farm you will surely want this back yard fruit collection. In this collection we send you one Baldwin Apple Tree, 1 Elberta Peach Tree, 1 German Prune Tree, 1 Bartlett Pear Tree. In addition to these we give you FREE two Concord Grape Vines. The entire collection above including the two free Grape Vines are sent postpaid at the bargain price of..... **\$1.00**



Botzum's Famous Lawn Grass Seed

There is nothing more attractive around a home than a beautiful lawn. Nothing is such a constant source of pleasure and adds so to the value of the place at such a small cost. Without a lawn the flowers and plants about the home lose much of their attractiveness.

"Cleveland Parks" Lawn Seed

An unrivaled mixture of the purest and cleanest seed. It contains only the highest grade of grasses suitable for the purpose of making a beautiful, durable, lasting lawn. "Cleveland Parks" Lawn Grass Seed germinates quickly, roots deeply; this enables it to readily withstand the intense heat of Summer and the cold in Winter, showing a beautiful, rich green during the greater part of the year. It contains no annual grasses for a quick show, to the detriment of a permanent lawn, but has only those which are lasting and hardy. When a lawn is once established from our seed it lasts for years. From six to eight weeks' time is all that is required to form a close, thick turf of rich, velvety green. For a perfect and enduring lawn of closely interwoven, firm, elastic turf, which will flourish under varied conditions of soil and climate and show a luxuriant, rich green growth throughout the year. **Lb., 50c; 10 lbs., \$4.50; 20 lbs., \$8.50.**

Choice Mixed Lawn Seed

This mixture is prepared, as far as price will permit, on the same lines as our "Cleveland Parks." It is designed chiefly to meet a demand for a mixture somewhat lower in price for sowing various large areas and the less important places about the home, but is entirely adequate for all purposes. It comprises nearly all the varieties which form our "Cleveland Parks," though necessarily in slightly different proportions. Simply stated, "Choice Mixed" Lawn Seed is a good mixture. **Lb., 35c; 10 lbs., \$2.75; 20 lbs., \$5.00.**

Shady Spot Lawn Seed

Usually it is difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. **Lb., 50c; 10 lbs., \$4.50; 20 lbs., \$8.50.**